SEQUENCE LISTING

<110> Friedrich, Glenn
Zambrowicz, Brian
Sands, Arthur T.

<120> Novel Mammalian Cells and Animals

<130> LEX-0286-USA

<150> US 09/728,445
<151> 2000-11-30

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<151> 1999-12-01

<160> 391

<170> FastSEQ for Windows Version 4.0

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<213> Mus musculus

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<223> n = A,T,C or G

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agccttcaga attgaaatca actttccagc agagtatcca ttcaaaccac ccaagatcac   180
atttaaaaca aagatctacc accctaacat cgatgagaag gggcaggtct gtctgccagt   240
cattagtgct gaaaactgga agccagccac caagactgac caagtaatcc agtccctcat   300
agcactggtg aatgaccccc agcctgagca cccactccgg gctgacctag ctgaagaata   360
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<213> Mus musculus

<220>
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<223> n = A,T,C or G

<400> 2
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gccgtccctg cccgtgctgc aagctgctac tcctgctgct gctgctgctg cttgttgctg   180
attgttgcgg ttgctggttg ctgtttactg tttgctgccg gctggattgc tggattgctg   240
attgccagtc gggnaaatcc tggnnataaa aatccanctt gccccanaaa acangacnac   300
cctnnaggaa gtattctaat gatttcaatn cgccctttcc ccctctnacc tttctctctt   360
accttatgct gggggattgg aagggtggca aaaaaaa   397

<210> 3
<211> 285
<212> DNA

1

<213> Mus musculus

<220>
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<222> (1)...(285)
<223> n = A,T,C or G

<400> 3
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atgagaccac ctggggtgaa acttagatgg ctctattgtt ctgtcacctg ccgccactcc   120
tctccaagac actgttacct gcccttgaga tattccggag acagcatccc gcagatcacc   180
tacaggctgg cgacaggcac caagaatgga ttggtggggg atgggcctcc cctctttata   240
cgcacagagt cttagtaaat tttgggtcct tgaacagaaa aaaaa   285

<210> 4
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<212> DNA
<213> Mus musculus

<220>
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<223> n = A,T,C or G

<400> 4
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tcngtctcag gcatcnaaca tgggccaact cctcaaactt ggtancctgg nacttnaata   120
nccatcttan tgctcaaaaa aggtttctcc tatgaagacc gtgtntcctg gctgtcctag   180
aatttgctgt gcnnaccaac ctggcctnna actcataaac ntttacctgc ctctgcctct   240
aaagtgttgg gattnaaagc atttcccact atgtaacaaa caaaaaa   287

<210> 5
<211> 417
<212> DNA
<213> Mus musculus

<220>
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<223> n = A,T,C or G

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nnccactgn tgaaaactga gggnccacac tcgtatcnct ntcnacngga cctaacatta   120
ttcgggangg aactctggtc cncncccccca tcnttcaatn nnnntgtcgt ggngattggn   180
ttngaaccnt gntcagnata aagctgaaaa aaaccccatt gnctnncatt tncaccanga   240
ccgggaagng tntnatatcn aggatccgaa taaggctctt caaggcttct ttgaccgaga   300
aggagaanag ttagaatatg aatttgatga gcnaggacac atcacttggc tctgcagggt   360
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<210> 6
<211> 173
<212> DNA
<213> Mus musculus

<400> 6
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gtcttagctg ctaactcctc tctcagtcca ttttgaatac gattctgagg tgacgcttcc   120
ctgtcaccac ccttaacatg ctctcatcgt accctctggt caaataaaaa aaa   173

<210> 7
<211> 167
<212> DNA

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

<400> 7
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tcttagntgc taactcctct ctcagtccat ttgaatacna ttctgaggtg acgcttccct   120
gtcgncaccc ttaacatgct ctcatcgtac cctctgaaaa aaaaaaa   167

<210> 8
<211> 191
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(191)
<223> n = A,T,C or G

<400> 8
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gtgcaatgga tgaacctcgc tctggagaaa tcacctgcat aatcatggta tttccccttc   120
caggatttat acanaagcag tcttccaaat tctgaaacct gatgcccatc acatactttg   180
ggctgagaaa a   191

<210> 9
<211> 157
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 9
ggtctagatt atgtgcatgc tgggaacaag cctggatcgt ctgcaagagc agncatcggt   60
cttagctgct aactcctctc tcagtccatn tgaaatacga ttctgaggtg acgcttccct   120
gtcnncaccc ttaacatgct ctcatcgtac cctctga   157

<210> 10
<211> 273
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

<400> 10
ggaatacaaa gggccagggt ccggctgcgt ctcctggatc ttgagctgac atctaggttc   60
ctgggtggga ccacaaatnc aactatactg gaggctgatg canttctctt aggactccaa   120
gagatcaggg actcaaaatc aagagaggag caacccagca agtaatggac tgcgcttgct   180
gtatttgaac ccattttgag cccagaaaac tataaataaa taaataattg aataaattta   240
tnataaatga aaagtaatcc tgttaaaaaa aaa   273

<210> 11
<211> 370
<212> DNA

3

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(370)
<223> n = A,T,C or G

<400> 11
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gctgttcaac cccgcccagt ctggggatga gtcattgttt tcaaatttat gaacaaagca   120
cacaaattaa gaataataca agcaagaaac agcagagaga cacaaaagga catagaatcc   180
ctgatcctca ctgtgatctg gtaacactag ttctagggct ggagagagag atgctcaggg   240
caagtgctct tacagagaac atgagttcaa ttcccagaac ccacatggta cctcacaact   300
gcctatttca tacatgtggg gcagaacacc gatacacata cttttttttt taanaattga   360
aaaaaaaaaa   370

<210> 12
<211> 448
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

<400> 12
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ctggaggatc tnggccngga tcctgatacc cccattgccc ccttagcnac ccatcctgac   120
naggaggagg aggaggagga ggaagaggag gagttgcttc tgcngcctgg gctccagggc   180
gggctgcgca ccaaggccct antcgtggat gantcctgcc ggcggtgacc atcttccant   240
ttgggcgcat acctccttcc ttccttcctt cccgtacctg aagcttctgg agtctggatg   300
attcanagcc gacanacctg gcngggatcc tgcctggcag ggaagggggt tgancntntt   360
ctgacttgct tttcccatcc catttctggg gcnnanccnt tatcctaaat ttacccctaa   420
ctcatggtgt ttcccgtggg tgacctaa   448

<210> 13
<211> 394
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(394)
<223> n = A,T,C or G

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tggaacctga gnatcnacat aattgcacct tctcttctgg accagacatt attcggcggg   120
aatcgggtcc ccacccccctg acgtcatacc tggtgtctca nccnnngnat ttgaactgtg   180
atcatctgag ccaaaatann ccaaagtata naagtcaaca aaggcaanat gctgnanatn   240
aaatggaaaa ccantcattg anaacatcat cncctctntn ctccgaggac ncttcggtgc   300
ggatctggga tatcccnnan ggtgggctga aacggaacnt naccgaggga ctcctggagc   360
tcnatggana catgcgccat gtggggctgg tgga   394

<210> 14
<211> 461
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(461)

<223> n = A,T,C or G

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gganagtntg attgnagagg tgannagacc ccgagcccaa aactggtgct gcttatatag   120
gcctangaga ggantgtctc acacctggat tggttatgca ctacgcctca tttgcatgat   180
cctcatctga ttggctactc tctctctgta cctcacaaag cctcattntc atacctcatt   240
tgcatgtctc acacctgatt ggttatantc tccaaacccc ctttatcctg cccggggcnn   300
gcantgtctt tgcaaaaaac tttactgcat atgttcacat tggttgtttg tccaaactta   360
tgcgtggtgg ccancagtan tcagtgccac tctgcaacgg cacntgtggc ttcccacatc   420
tcccccttttt tgttttaata aaatgaggct gggactaggc c   461

<210> 15
<211> 301
<212> DNA
<213> Mus musculus

<400> 15
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gcctcctgga catgaagagc aaccccatac agggcctggc tgcccactgg gattatgaaa   120
agaaggagtg gaaaaagtga ccaacgtccc acgtctgccg ccagcccctg caaactgctt   180
ctgcagccca ggagacaatc atcccctccc ctcccctccc ctccctcctc ctcctgagtc   240
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a   301

<210> 16
<211> 285
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

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acatgccnat aagcantcaa aaatatttnc tgggagctgg ananatgggc tcagcagtta   120
aaaacactga ctgctcttcc ggangtcctg tgttcaaatc ccagcaacca cagggtaact   180
cacaaccatc tgtaatgana tctgatgccc tcttcgggtg tgtctnaaaa cagctacagt   240
gtccttacat ataataaata aataaatctt tttttttaaa gaata   285

<210> 17
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

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gccctgagaa gggcaatcga gagccacaac aagaaaaaaa   100

<210> 18
<211> 269
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(269)
<223> n = A,T,C or G

<400> 18
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tntggcttat ttacagtann tttncncaac cggcaagctt gtgcantnnn agcaagaact   120
cctcctgcct gcctccggaa taagctgttg aattcttgtt tcttccagcg cggtgtctgc   180
ctgcacgctg ccatgcgtcc tgccatgatn ataatggact gaccctctga aactgtaagc   240
cagccccaan taaattttgt ccttgataa   269

<210> 19
<211> 312
<212> DNA
<213> Mus musculus

<400> 19
aaggttgtcc tcggaggcca aaggcgtcag atacgacacc tggaagttga atttacagaa   60
ttgccagctg cccaacatgg attcttggaa ccaaaccttt agaattcaac aaacaaacaa   120
cccagggggc tggagagatg gctcagcact caagagcact gactgctgct cttccagagg   180
tcctgagttc aattcccagc aaccacatgg tggttcacaa ccatctgtaa tgagttccaa   240
tgccctcttc tggtgtgtct gaagacagcg acataaaatg aataaatctt tttaaaaacc   300
caaaaaaaaa aa   312

<210> 20
<211> 177
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 20
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cagcaactct tacagtctta ggtgttacca anaacanatc tcaactgtaa aagttgtcag   120
tacaggtttc ctttnccttt ngttttttgtt attgttttt ttttttttt tttttt   177

<210> 21
<211> 273
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

<400> 21
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ctgactantc cntacnggcc ccggatcatg tncggcatca aaacnaagcc cgcgtncttt   120
gagttggang tggtggtgct cggctcccac ctgattgang actatggctc ctgctccctg   180
anctgcttga gttccagtcc tgacttcctt tggtgatgaa cagcagcatg gaantgtaag   240
ccaaataaac ccttncctcc ccaaaaaaaa aaa   273

<210> 22
<211> 204
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(204)

6

<223> n = A,T,C or G

<400> 22
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tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgngna   180
ccncccacca tgggggggct ggga                                         204
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<210> 23
<211> 427
<212> DNA
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<220>
<221> misc_feature
<222> (1)...(427)
<223> n = A,T,C or G

<400> 23
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gtatagaggt attcccagca agtcaaagat gctgcattcc ggcgtatact caaagtcgga   120
gacgcccgtg aatcgcacat tgacgtccag acctgtggcc agtttcggga gcaccgtcat   180
tgcatcgtcc acattctggt gggagaaaag acaagatggc tggtctagcc ttccctccct   240
gccacccacc atcccatgtt tcatgtctgg ctttcttaca aaccgtttgt ttcatccacc   300
tcttacctca aacccccttt tgtgagacag agccctggct gtattgaaac tcactctgta   360
naccaagctt gcccttgaac tcacagacat ctacctctct ctgcttccca agtgctgtaa   420
ttaaagg                                                            427
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<210> 24
<211> 265
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(265)
<223> n = A,T,C or G

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tcctcctcct cccctcctn cccttctgc ttcagattta tttattatat gtaagtacac   120
tgtancagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggnngatga   180
nnncatcanc atacaggcta cacaggacca ncaacggaat gaggagtagg cccggatcat   240
gggntgagtnt gagatcacag agcag                                       265
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<210> 25
<211> 335
<212> DNA
<213> Mus musculus

<400> 25
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gatggtgcct gaacccaact gattaagcag gcaggcagaa acgtgtcacc atcagctacc    60
attgtgccct catgcataaa tgaagtcctg atggaaaaca gacaaacaaa caaacaaaca   120
aacatctcta cacactaagc cgaaaacaaa tctataccaa actgctaaaa taaatggaaa   180
atacttaatt tgagcctggc tgttttgaaa attggaaatc cttcttcaaa atgaaaatca   240
ccgcaaaaca atctaaagtc atctacaggc caactagggt gtttgttgct tgccaaactt   300
ccaataaatt ctgcttgaaa ccttaaaaaa aaaaa                             335
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<210> 26
<211> 587
<212> DNA
<213> Mus musculus

7

<220>
<221> misc_feature
<222> (1)...(587)
<223> n = A,T,C or G

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nccatnacca tgtanancgg ggtgancaat gtgggcnttc accaccacca tcaccattct   120
ccccatcgtc tccaccacca caagcaccac caccgccacc accatgctca tggagcccgc   180
cgctaaggcc aatagatagc atctacctgg ctctgccctc catccagcan caacatgagt   240
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taccttgtga ctgcaactcc tggtgacctg gaaaataaca agggttctgg canaaacaaa   480
accenggtga aaatgaaaat tcttctgatt ggggaaggcc tgtgatnaac ttccaggggc   540
naantgtggt tagggcattc actgcttctt gggtttttaaa aataaaa   587

<210> 27
<211> 180
<212> DNA
<213> Mus musculus

<400> 27
agggttccaa gactgccctt tgggattcaa acgggagccg ctttggactg actggctgcc   60
ttcctcctcc tcccccctcct ccccccttctg cttcagattt atttattata tgtaagtaca   120
ctgtagcagt tgtaggacac actagacgag ggcaccagat ctcattgtgg gtggttgcga   180

<210> 28
<211> 232
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

<400> 28
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tcctcctcct cccccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgngaa   180
ccacccacca tgtggtngct gggatntgaa ctcaggatct tcagaagagc ag   232

<210> 29
<211> 213
<212> DNA
<213> Mus musculus

<400> 29
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aaataccact caaatgatga tgacatagaa gtaccttcct cctgctgctc tgatcccata   120
attggttact agatgatgtt ttctgacatg gattcgatt ttgggtacct gttactttgg   180
cactattctt ttttttttt tttttttttt ttt   213

<210> 30
<211> 735
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(735)
<223> n = A,T,C or G

8

<400> 30
gaaacttatc tccctcccca tatcctgaaa ctgctgnctc ggngtgtgac ctcctgctcg   60
tncgttctgn cncncccact gctggaacnn nanganccgc ncacatgcag ctnnctactg   120
gaccataaat tattctgngg gaatctggtc cccncccccct nccttcttnn ctggtgtcgc   180
nccgntgtga tntgacccttt gatcggacaa tctcctccag ggntggccan ggatcnatcc   240
cttanagtaa ctcaagagtt ccncatgctg tgttatctgg actcccacta antgcagcac   300
tgtgccttcg gaacnacacc atcnagaatg tatcccttcn tcnctccagc tngacnacta   360
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cccgntccaa aanctaccnn cgccnaatan cgcacncaca gatccanttg gtcctttaag   540
tacacnggga tccatgtctt ctggaccttg ggcaccanga atgggaaggc agcatcctaa   600
tgtgccatat ctatttccan aatcatctcc cactcctcct cttccantgt taggancaca   660
cctgtttgca ttggttcnnn tgccnccggg ggccgggaac cncancgcat atcctnatcc   720
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<210> 31
<211> 677
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(677)
<223> n = A,T,C or G

<400> 31
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atcaccacca gcagcaccat cagcagcaac ancagcagca gcagcaacag ccacccccac   120
caatacctgc aaatggccan caggccagca gccagaatna angcttgact attgacctga   180
agaattttag gaaaccagga gagaagacct ttacacagcg ttnccgtctc tttgtgggca   240
atcttccccc tgatntcact gaggaggaaa tgagganact atttgagaaa tatggaaaag   300
caggcgaant tttcattcat aaggataaag gcttggctt tattcgcttg gaaacacgaa   360
ccctagcgga aattgccaaa gtgganctgg acaacatgcc cctccgtggg aagcaactgc   420
gaatgcgctt tgcctgtcac agtgcatccc ttanagtccg caaccttcct cagtacgtgt   480
ccaacgaact gctggaanaa ccttttctgt gttcggccan gtggaaaagg ctgtaatcat   540
tgtggatgac cgaagaaggn ccccgggaaa agcattgttt attctcaagg aaaccagctg   600
ctccgaaanc tctgganana tcagtgaagg ntccttcntg ctgantacat ttcctcngcc   660
tgtgaatgtg gacctat   677

<210> 32
<211> 305
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(305)
<223> n = A,T,C or G

<400> 32
atagacacat agagaaggag acaagaagaa gaagagtcta agagtgtcnc gagttccagt   60
acctctagca gtgacagttc ggccagtgag tcttcatcag agagtgagac atccgcctca   120
tcctcttcag aagacagtga ctcagatgaa agcctctcta gctcctcctc ctcctcctct   180
tcctcggcct gttcgtcttc ctcttcctcc tcttcctcct cctcctcctc ggactcggac   240
tccagctcgt ccagcagcag cagcagcagc agttctgaga gcagctctga tgatgagcca   300
cagaa   305

<210> 33
<211> 226
<212> DNA
<213> Mus musculus

<220>

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<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G


<400> 33
tgtcctggca ctctccgact ccagcagcag tagcagctcc agcgactcan aagcagaggg      60
gaaggagtat gccgctggct gcaagaacat gaacgctcct cagacaaggc caagaaaccc     120
aaggtgaaga aggagaagat ggagaagaag gagaagaagg agaagaagga gaaggagaag     180
aagccccca ttgacttatt aaacttgcag cccttttccgc tcccca                    226


<210> 34
<211> 459
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G


<400> 34
aggtccaaca gaagatatgg cccagattaa aggtatcctc aagatctgga ttaaaggctt      60
gtgtcaatcc agatccaaag cctgtgacat cacacctcaa gattcagatc aaagcctatg     120
tcttccaggc tcaagatcca nancacaagt gtgcccacca tttctggatt gcagttcatt     180
ccagatatag tcaagttgac aactgagaag aaccatcaca ggttataaac acctatcatt     240
tgctctcatt ttccccatat gttctctgct catgtgagat cctgacttga agtgtttccc     300
ccaagcttgt tttccctgat ctctaaaaat acagccagaa agaagctctt tgttctctat     360
agccagcaaa aagccttttt gtttctatac cttacaacca gagatgcaat aattgtaaaa     420
agacctagcc aggcacttgc ctggctccct gtgccaagg                            459


<210> 35
<211> 234
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(234)
<223> n = A,T,C or G


<400> 35
ctgattacag attctgctat gttctgtgcc ctangaaacc gtgncantag aagtgagtag      60
atctgttttg tatagttacc cacaataagc ttggacctga accaaccacc cagcagcact     120
gcctgcctct gtgtataagc tnttatggng nnngccttta tanagatgtc cctgggatgg     180
ccccaacata agagagacat ctgcactaan aacaacaaca acaacaacaa caac           234


<210> 36
<211> 237
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G


<400> 36
tgctgggcac catgtgtggt ctagggcaca gaanagncag aagaagacat canggtcccc      60
tggagcggat gttatcagct gccctgcaag tgctgggaac tcaacctaag ccttctccaa     120
aaaccaggag tactgtgaag cacctggccg tctctccagt caccaacaac aacgctgctt     180
gttagcaaat attttgatag cagcaacaag aaattgccta atataaggtc tcaccca        237


<210> 37
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<211> 170
<212> DNA
<213> Mus musculus

<400> 37
caagactgcc ctttggtatt caaacgggag ccgctttgga ctgactggct gccttcctcc   60
tcctccccct cctccccctt ctgcttcaga tttatttatt atatgtaagt acactgtagc   120
agttgtagga cacactagac gagggcacca gatctcattg tgggtggttg   170

<210> 38
<211> 158
<212> DNA
<213> Mus musculus

<400> 38
ggtctagatg tatgtgccat gctgggaacc aggcctggat cgtctgcaag agcagccatc   60
ggtcttagct gctaactcct ctctcagtcc atttgaatac gattctgagg tgacgcttcc   120
ctgtcaccac ccttaacatg ctctcatcgt accctctg   158

<210> 39
<211> 261
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G

<400> 39
agtctcgaaa ggtaagtctg gncaccatgt gtgtagnngg cacggaaccn tnagaataan   60
acatnatgnn gcctggagcg gatgttatca gctgccctgc aagtgctggg aactcaacct   120
aagccttctc caaaaaccag gagtactgtg aagcacctgg ccgtctctcc agtcaccaac   180
aacaacgctg cttgttagca aatattttga tagcagcaac aagaaattgc ctaatataag   240
gtctcaccca taaaaaaaaa a   261

<210> 40
<211> 259
<212> DNA
<213> Mus musculus

<400> 40
aagttggaaa ttgcaatact cctaaaccaa atttctttga ttttgaagga aagcaaaaat   60
gggaggcatg gaaagccctc ggtgactcaa gccctagcca agcaatgcag gaatatatcg   120
cggcagttaa aaaactagat ccaggatgga atcctcaggt tcctgccctc cttgagttcc   180
tgtcctgact tcctttgatg ctgaactgtg atgaggaagc ataagccgaa taaacccttt   240
gctctccgaa aaaaaaaaa   259

<210> 41
<211> 177
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 41
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct   60
tcctcctcct ccccctcctc cccttctgc ttcagattta ttnattatat gtaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgt   177

11

```
<210> 42
<211> 256
<212> DNA
<213> Mus musculus

<400> 42
agggtctctt ctctctactc agcaccagct gatctggaag ccactctata gagcagactg      60
actttgaaat cacagagcca catcagtctc tgcctcccca gtgctgaaat taaaggcgca     120
caccacccgc tctggtgaca ttttttcttta aaaaatgaac aaaaaagggt tgcgtttgcc     180
agttttaaa aaagaattgc cttttcgata tttgttttga ataataaaat cttacatttt      240
gagtgaaaaa aaaaaa                                                      256


<210> 43
<211> 138
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(138)
<223> n = A,T,C or G

<400> 43
ggaggaattt tctcagcaaa catcatttaa aaggaaatta atggcgaaaa tggggcattg      60
ggaaaccatg ggggaggggg gagactgana naatganaat gaataatggc aaaataaata     120
aataaataaa taactaaa                                                     138


<210> 44
<211> 305
<212> DNA
<213> Mus musculus

<400> 44
gggagaaact cactcgccaa acaacgtctc gtggtatcct ggctgactct ggccgcttca      60
gcagagcctg gctgttcctg ctggattgtg ctactgctac agattcatgt ttggtgtttg     120
ctattgaact gggctgctta tatcctgaca cggaagagtg gaatcgccca aagcaagtac     180
ttctaatcag gtccacaact cccttttgcct ttaaccttgc ttttttccctda cctctggttg     240
gtgggctaaa agggagggtt aagaacccca aataaagtca gttttgaaaa acctaaaaaa     300
aaaaa                                                                  305


<210> 45
<211> 238
<212> DNA
<213> Mus musculus

<400> 45
gggaacattg tggcaggaag acggaagtag tgctggagag gagactggag agaaacactg      60
ggcctgtccc tgtgatgcac ttctgccagc aaggccacgc ctcccagtcc ctgaagtgtc     120
actccctgaa gatgaagcat tcaaatatga gtcgatgaga gccattcttg ttcacgtcgc     180
catagttatg gaggttggac ccagcactca agactgttat aaagaatttt tgctttgg       238


<210> 46
<211> 363
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(363)
<223> n = A,T,C or G

<400> 46
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct      60
```

```
tcctcctcct ccccctcctc cccccttctgc ttcagattta tttattatat gtaagtacac      120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgngaa      180
ccacccacca tgtggttgct gggattngaa ctcangatct nnataagagn agccagggct      240
ntaaaccgnt gagccatctc tccagcctnc tgcattcctt cttaangcat gaatganccc      300
nacctangaa gacatgctgc cntacctcct tttcnagcca ttttcccttt caccatatac      360
tca                                                                     363


<210> 47
<211> 272
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(272)
<223> n = A,T,C or G

<400> 47
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct       60
tcctcctcct ccccctnctc cccctctgc ttcagattta tttattatat gtaagtacac      120
tgnagcagtt gnaggacaca ctagacgagg gcaccagatc tcattgtggg tggntgancn      180
cnanngaanc agnggnnggt gggngacaan ngnanggnng ttagaacaga agacnggtgn      240
atanaccnag ntactattac gtccatgaga ct                                    272


<210> 48
<211> 401
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(401)
<223> n = A,T,C or G

<400> 48
gggtccagaa aaggagatgg atgccataca ggccaaggaa gaagtgaaaa aggcccgtga       60
agaagatgag gaggatctgc tgatggggaa gtttcacagg cacaaccatt tcagcagatt      120
ccacaggcag ggcgaactat agtcatcctc actctgcatg ctgagtggcc cagctgcaac      180
tctaataata cacatttgaa tgatcacata ngnanggana ntngnccagn ttctgaaaaa      240
caatcccctg tttgtgttag ggtcccccgt ttcttctata gacccctatg accccagggt      300
ctgcaataag aagtttctgt tgactgcatg tggtggcaca ctcctttaat ctcaggactt      360
gagaggcaga ggcagacnta tctgggattt ccacatcagc c                          401


<210> 49
<211> 372
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(372)
<223> n = A,T,C or G

<400> 49
gagagagaga gagagagaga gagagagaga gagagagatg agatanaggn tggaggcctc       60
gnggagcagc ctgtgtgcac ctgactggnc cagnaggaac acagtgtnca gagaagctcc      120
tgtccccctg tcccctctgg gtgccaaata atgggagatg tgcactgtct gatcacatat      180
tcccgtctnc tgccctntgc ccagttaagg ttaaggntga tgaataancc cttggattat      240
tctgagganc tgaccanncc acagaagaaa gcannccctg tancttccct ggtcatttcc      300
caagaatctt cctgccctgt tgagacttgc cccaagtcta gggcagtctt caagcaagca      360
cctcttgctt gg                                                          372


<210> 50
```

13

<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 50
tgaggcctat atgtatgagc catgctggga accaggcctg gatcgtctgc aagagcagcc   60
atcggtctta gctgctaact cctntctcag tccatttgaa tacgattctg aggtgacgct   120
tccctgtcac cacccttaac atgctctcat cgtaccctct g   161

<210> 51
<211> 335
<212> DNA
<213> Mus musculus

<400> 51
ggtgatttct ctgtgccaaa gcctccagag gacaatataa aagacgtgtg tacaacgtca   60
cccaggaaaa caaagaagaa gaatatagct tgccagtggg gagttagtct tgccttttct   120
tttttccttt gaatcagagt ctcactggat agctctggct actctgggac tctctatgta   180
gaccaggctg gcctgagtgc tgggactaaa gggtgtgtgc cactaccccc agctaaattg   240
gtgtgttctg gagagattct tttttatgtt tggcccattt taattctttc aggcatctta   300
ctactgctgt tttaaagttt ttttctttta aacca   335

<210> 52
<211> 473
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(473)
<223> n = A,T,C or G

<400> 52
ctttcaggga cccgctggga agacgaagag agaccagatc atactccaga tcattaagga   60
ttttaaaccc ccatgttcct cgtgcggcgc tcaccaccac ccccccggctc tggccatggc   120
cacactgagg gtccatcccg aagcccaagc caaggtggat gtgttccgtg aagacctgtg   180
tagcaagaca gagaacctgc ttgggagcta ttttcccaag aaaatctcag agttggatgc   240
gttcttaaag gagccagctc tcaatgaagc caacctgagc aatctgaagg ctccattgga   300
catcccagta cccgatccag tcaaagagaa agagaaggag gagcggaaga agcaacagga   360
gaaggaagag aaggaagaga agaagaaagg ggacgaagac nacaaaggtc cccctgtggn   420
ccanttgaac tgcatgagaa aaatgngggc ctnctgcaac ggctaaaacc tgg   473

<210> 53
<211> 323
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(323)
<223> n = A,T,C or G

<400> 53
agggggcaag gccatgtggg acaccccana cactgtcctc ttanagcgcc gggcgggcca   60
ttaggcaggc gctgctcaca agccgaggcg tgtctctggc agctcctccg actccagcag   120
cagtagcagc tccagcgact cagaggcaga ggggaaggag tatgccgctg gctgcaagaa   180
gcatgaacgc tcctcagaca aggccaagaa acccaaggtg aagaaggaga agatggagaa   240
gaaggagaag aaggagaaga aggagaagga gaagaaggcc ccccattgac ttattaaact   300

14

```
tgcagccctt tccgctcccc aaa                                                    323

<210> 54
<211> 352
<212> DNA
<213> Mus musculus

<400> 54
ggaccctgtg tgctgtgcaa tcaagaccca aactagaaga agggtctgtt ttactgctct            60
tggaaggcca cgtctaaaat taaaccacgt tcaggggaaa ctgtgcaccc aaatatttct           120
cagtcgcacc ccagcctcac aaacctattc tagggctgga aaagctggct cagccgttat           180
aagccctggc tgcactacca gaggacccag cctcaatttc cagcacccac atggcagctc           240
ataactgtgt agatccagtt ctagaggatc caacaccctc acacatacat gcaagcaaaa           300
caccaatgca cagaaaatga aaagaaataa atcgttaaga acaaaaacaa aa                   352

<210> 55
<211> 305
<212> DNA
<213> Mus musculus

<400> 55
gggagaaact cactcgccaa acaacgtctc gtggtatcct ggctgactct ggccgcttca            60
gcagagcctg gctgttcctg ctggattgtg ctactgctac agattcatgt ttggtgtttg           120
ctattgaact gggctgctta tatcctgaca cggaagagtg gaatcgccca aagcaagtac           180
ttctaatcag gtccacaact cccctttgcct ttaaccttgc tttttcccta cctctggttg          240
gtgggctaaa agggagggtt aagaacccca aataaagtca gttttgaaaa acctaaaaaa           300
aaaaa                                                                       305

<210> 56
<211> 158
<212> DNA
<213> Mus musculus

<400> 56
ggtctagatg tatgtgccat gctgggaacc aggcctggat cgtctgcaag agcagccatc            60
ggtcttagct gctaactcct ctctcagtcc atttgaatac gattctgagg tgacgcttcc           120
ctgtcaccac ccttaacatg ctctcatcgt accctctg                                   158

<210> 57
<211> 274
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G

<400> 57
tactgagcct cacggtttct tntggctgga actgcagttc atgcntggng attgccgagt            60
ggattgnagt gcatctgctg atgatttgag tctgtgctgt gctaacggac ttcactacaa           120
cncccgattg gaatcacccc caaagaactg nttgtataac gaggtccaca actctgtttc           180
ctatctttcc ccatgacctt tgctgggtgg tgggctaaaa gggaggttga agcgtttaag           240
aacccttatt aaagtaggtt tggaaaaaaa aaaa                                       274

<210> 58
<211> 221
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(221)
```

<223> n = A,T,C or G

<400> 58
gtgcaaaaag aagaagaaga agaagaagaa naagangaag angaagaagg anaaggacan   60
ngacaaggag aacggagaan gagcaaggaa aaggagaacg gtacagnatn ngnggagaga   120
atattnctaa aatatttntg naatatttga tatgtaatca ttacattnag tcaaaaaatt   180
canatttcta gaaaatataa agtttttttt tgtcgattcc t   221

<210> 59
<211> 253
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 59
actccaggag aagaaggaag tngtggagga ggcagagaat ggaagagatg cacctgccaa   60
tgggaacgct caaaatgagg aaaatgggga gcaggaggct gacaatgagg tagatgaaga   120
agaggaagaa ggtgggggagg aagaggagga ggaggaagaa ggtgacggtg aggaggagga   180
tggagatgaa natgangang ctgangctcc tacgggcaat cgggtngctn aggatgatga   240
tgatgaccat gtg   253

<210> 60
<211> 226
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 60
agggttccaa gactgccctt tgggattcaa acgggagccg ctttggactg actggctgcc   60
ttcctcctcc tccccctcct cccccttctg cttcagattt atttattata tgtaagtaca   120
ctgtagcagt tgtaggacac actagacgag ggcaccagat ctcattgtgg gtggttgcaa   180
acgnnngaca cactngacga gggcaccaga tctcattgtg ggtgga   226

<210> 61
<211> 323
<212> DNA
<213> Mus musculus

<400> 61
gcatcccttc gtcagcagag tcaccagcaa taaggctctt cgggagctgg tggccgaggc   60
aaaggcggag gtaatggagg agattgagga tggcagggag gacggagaag aggaggatgc   120
tgtggatgct gttccggatct ggagagatgg ctcaacggtt aagagcactg actgctcttc   180
tcaaaggtcc cgagttcaaa tcccagcaac cacatggtgg ctcacaacca tctgcaatga   240
gatctgacgc cctcttctgg tgtgtctgaa gacagctaca gtgtacttat atataataat   300
aaataaatct ttaaaaaaaa aaa   323

<210> 62
<211> 201
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

<400> 62
cacattcacg accacaccta aacctacaga atcagaaacg ccactagtgg ggtcggtcct   60
gaaacctggt taacaagctc ccaaggtgaa tctgatggcc gctttcccta agcagtagag   120
accctttttc gtgtatggtg ctgaaaattt aancgtcctc tgtccccaaa tcagtgaaaa   180
atcnggattt aaaaaaaaaa a   201

<210> 63
<211> 372
<212> DNA
<213> Mus musculus

<400> 63
gagactgacc cgctcctcaa gatttattat atgtacgtac actgtcgctg tcttcagaca   60
ccccagaaga gggcatcaga tctcattaag gatggttgtg agccaccatg tggttgctgg   120
gatttgaact caggacctct ggaacagcag tcagtgctct taaccgctga gccatttctc   180
caacccttaa gagtgtattt tatttccttt tgatttcctg caagtatcat ggtttcagtt   240
ttctttctgg ctgtaagact ccattgtatg tccgaaccac attttatctg ttttacgggc   300
cagttggctg cttctgttct tttgcctatt gcaatcgcta cagcaataaa catggatgtg   360
taaaaaaaaa aa   372

<210> 64
<211> 284
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(284)
<223> n = A,T,C or G

<400> 64
ggttccctaa aatcagactc tgtcatcggc aagtggagac tgtaacanga ctgggaccct   60
cacatgccga taagcagtca agaatatttt ctgggagctg gagagatggg ctcagcagtt   120
aagaacactg actgctcttc cggaggtcct gtgttcaaat cccagcaacc acagggtaac   180
tcacaaccat ctgtaatgag atctgatgcc ctcttcgggt gtgtctgaag acagctacag   240
tgtccttaca tataataaat aaataaatct ttttttttaa agaa   284

<210> 65
<211> 324
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(324)
<223> n = A,T,C or G

<400> 65
gtttgaattt gagtgccgtg ctcgaggtgc cgacatctta ncctacccac ctgtggttgc   60
nggcggnaat cgctccaaca ctttgcacta tgtgaagaat aatcaactca tcaaggtaat   120
caccagaatt cccacccctg cgttctgctc ctggagaggc ctggtcccca gtagagagct   180
ccacacctct cccttagcaa atggagtgcc acacgccttc aatcccagca ctcgggattt   240
ctaagttcga ggccagcctg gtctacagag tgagttccag gacagccagg gctatacaga   300
gaaaccctgt ctcaaaaaaa aaaa   324

<210> 66
<211> 431
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(431)

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<223> n = A,T,C or G

<400> 66
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ggaggacacc cacagtttcc gcttttgccg gcatcgagag gctgcagctc tgtttcgctc      60
taaaaaccgc tgccgccgct catctggatc ttcatccact gtacgccgtc gccgtccccc     120
agtgctaggg gtgggctgag ctggagagac ctgttgccca gtaaagaaga atacttgtga     180
tggtttgtat atgctcttcc ctgggagagg cacttttaga aggtgtggcc ctgttggagt     240
aggtgtgtca ctgtgggtgt gggctttaag accctcatct agctgcctgg aagccagtct     300
cccactagca gccttcagat gaagatgtac aactctcagc tcctnctgca ctaanncctg     360
ccaagatgct gccctgctcc caccttgatg acaatggact gaacctctga acctgtaagc     420
ggcccaatta a                                                         431
```

<210> 67
<211> 427
<212> DNA
<213> Mus musculus

<400> 67
```
gtcgtgtcac tgctgttgct atcctgactg gactgaactg gactgctggt gtatctgtga      60
ggtgtttgcg aatggattga gctgccactg cctgctgacc tgtgaactca actgctgatt     120
tccagacaac acagacagga gttgttgcaa agagccttta tagacaggcc cgcgcccccct    180
tccccgctcc tgtatcattt cttttccatt acctctggtg ggtggtgggt tacaagagag     240
gttaaagcat ttaggaacca tcattaaaaa cagggtttga catggaggcg catgccttta    300
atcccagcac tcaggaggca gaggcaggcg gattctgag ttctgagttt gaggccagcc     360
tggtctacaa agtgagctcc aggacagcca gagctataaa gagaaaccct gtcttgaaaa     420
aaaaaaa                                                             427
```

<210> 68
<211> 303
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 68
```
gcacatgagt gttctgcctg catggatgac tgtacatgca tggctcatgc agtgatgaag      60
gagaccagaa gaggtccttg ggaatagagt tacaaacaat tttgaaccac catgtgggtg     120
ctgagaattg aacctatgtc ctgtggaaga tcagccagtg ctcttaacca ctgagaaatc     180
tctccatcac ctattcttgt ggtttggttt ttcttttttct ttctttcttt cttttttttt   240
tttcnanann gggtttttttt gggtanccct ggctgncctg gaactaactt tgtaaaccag   300
gtt                                                                 303
```

<210> 69
<211> 214
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(214)
<223> n = A,T,C or G

<400> 69
```
gaaggagaag aaggaagttg tggaggaggc nnagaatgga agagatgcnc ctgccaatgg      60
gaacgctcaa aatgaggaaa atggggagca ggaggctgac aatgaggtat atgaagaana     120
ggaagaaggt ggggaggaag aggaggagga ggaataatgt gactgtnaag atgatgatnt     180
annacnataa ttnntaccat ttcgtattgc taat                                214
```

<210> 70
<211> 547
```

<212> DNA
<213> Mus musculus

<400> 70
agaagagaag cagacacaag atgaaaccct gccaaaaaat ggaaggaaac ctagaaaagg      60
aggatgagcc aaagcctgag gaagagccaa agccggagga aaagcccgag gaggggcagg     120
aacccgagga ggaggagaaa tccgaagaaa cttttcggga gaggctgatc cggtctctgc     180
aggattttca ggaggatata cacaacaggc acctgagcag tgatgatctg tttagagatg     240
tggaggagct agatgagatc aggaaagtga gaaacaaact tatagtgacg cgttggaagg     300
ctaaccgaag ccatccttac ccctatttaa tgtagcttgg cttgctttcc cttttatctg     360
atgttaccat tgcgatctag ctttcttttc attagcattt tcctgataag acctttgccc     420
atcttcctac tttgaatctg ttgctgttag tggctttagc tgtatctctt gttgtctgta     480
tcttactgtt gattatattt gaaccaatct ataagtctct ggctttaagc tttactgatt     540
tgtaaaa                                                              547

<210> 71
<211> 258
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(258)
<223> n = A,T,C or G

<400> 71
ctactgaacc cgagagaatg cngccgggaa tcangggccc cttgcccttc attcatnact      60
agcgttgcac cnttnaaagt tgagccttga tcagaaaaaa aagaccctna aaaaaactgn     120
ctgcccttg aaaacttacc tacctaaagt acagggataa tagcttcttt gcccactgtg     180
actctcagcc cttaagactg tttggctctg cactaatttt tttttattag tctgtaataa     240
aatacctaca ttttatta                                                  258

<210> 72
<211> 174
<212> DNA
<213> Mus musculus

<400> 72
agggttccaa gactgccctt tgggattcaa acgggagccg ctttggactg actggctgcc      60
ttcctcctcc tcccccctcct cccccttctg cttcagattt atttattata tgtaagtaca     120
ctgtagcagt tgtaggacac actagacgag ggcaccagat ctcattgtgg gtgg           174

<210> 73
<211> 364
<212> DNA
<213> Mus musculus

<400> 73
aagaagcctg ctcattctga atttgaacat cggttctgca ttactcctga aagatgtcct      60
gcagtcagtg tccgagcaca ttcctgccac agcagcctta aatgaagttg gggtttacaa     120
actggctcag caagacgttg agattctgct taatttgagg acaaattggc ctaacactgg     180
aaaataatgc atcttcgaga aaagtgttta acaaagacaa gagttgcctt taatcctagc     240
acttgggagg cagaggcaga tggatttctg agatcgaggc cagcctggtc tacaaagtga     300
gttccaggac agccagggcc acacagagaa accctgtctt ggaaaacaaa cacaaacaaa     360
aaaa                                                                 364

<210> 74
<211> 274
<212> DNA
<213> Mus musculus

<400> 74
aggtatttgg cccagcgaca tcagagacaa gaagagacac agatgagaga caagcacatg      60

19

```
aaagatgctt accatccttc gccatggcaa aaagtgaaat taaaaagtcg aggggacatt    120
actgtgcatc tgatggagac atgaggaccc gtagggcttg ctggccagcc agtctagccc    180
agtcagtaag ctccaggttc cattgtgcct gtggtcttca agagctctgc acacccacag    240
acataaaaat aaagttcagg tgaaataaaa aaaa                                274
```

<210> 75
<211> 159
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 75
```
ggtctagatg tatgtgccat gctgggaacc aggcctggat cgtctgcaag agcagccatc     60
ggtcttagct gctaactcct ctctcagtcc atttgaatac gattctgagg tgacngcttc    120
cctgtcacca cccttaacat gctctcatcg taccctctg                          159
```

<210> 76
<211> 282
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(282)
<223> n = A,T,C or G

<400> 76
```
atacgacacc tggaagttga atntacagaa ttgccagctg cccaacatgg atncttggaa     60
ccaaaccttt agaattcaac aaacaaacaa cccaggggc tggagagatg gctcagcact     120
caagagcact gactgctgct cttccagagg tcctgagttc aattcccagc aaccacatgg    180
tggttcacaa ccatctgtaa tgagttccaa tgccctcttc tggtgtgtct gaagacagcg    240
acataaaatg aataaatctt tttaaaaacc caaaaaaaaa aa                      282
```

<210> 77
<211> 523
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(523)
<223> n = A,T,C or G

<400> 77
```
catatgccca catcangcat tcctcggnct cacctgcgct ctgacctggg gcagcagtta     60
gaggaggntc cttcttnatc ttcctcctct gagactnagc ctctgcctgc aggaacatgt    120
atcccagagc cagtgggcct nttacaaact actgaagccc ctgggcccaa aggtatcaag    180
ggcatcaagg gtactgctcc tgagcacggc cagcagacct ggcagtcacc ctgcaatccc    240
tatagcagtg ggcaacgtcc atcgggactg acttatgctg gcctgccacc tgtagggcgt    300
ggtgatgaca ttgcccacca ctgctgctgc tgcccttgct gctcctgctg ccactgtcct    360
cgcttctgcc gttgtcacag ctgttgtgtt atctcctagc tgactattga acctccaggg    420
ctgtgcagcc caggttcctg ctcaatgccn aagtgttgct ggacatcang agcanccgtt    480
gcatgagcat caccattct gcctgacagg ggacctgtca cca                      523
```

<210> 78
<211> 326
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(326)
<223> n = A,T,C or G

<400> 78
ggcgaacccc cccaacccc agcctgnaac aggctgatcc agaccttgac cttgctgcca       60
ctaaggagat tacctagggt ggagccttcc tgcctagatg actctattgt tcagccactg      120
ctgctcttct ncttcaagac actgctacct gctgagagga ccctgagcta ttctagagac      180
ttcatcctat cctgcaggtc atcacctgca gctggttcca ggctccaaga atggattaac      240
gggaatgggc cgcccttctc cccccacc cctttataag cacagttttc tattaaacat       300
tcgagctttg atcaggaaaa aaaaaa                                         326

<210> 79
<211> 336
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(336)
<223> n = A,T,C or G

<400> 79
ttgaagcgtt ccaagactgc cctttgggat tcaaacggga gccgctttgg actgactggc       60
tgccttcctc ctcctccccc tcctcccct tctgcttcag atttatttat tatatgtaag      120
tacactgtag cagttgtagg acacactaga cgagggcacc agatctcatt gtgggtggtt      180
gtgaaccacc caccatgtgg ttgctgggat ttgaactcag gatctacana agagcagtna      240
gggctntaaa ccgntgagcc atntctccag cctcctgcat tccttcttaa ggcntgaant      300
gatcccannc ataggaagac tgacttgccc ttcctt                              336

<210> 80
<211> 370
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(370)
<223> n = A,T,C or G

<400> 80
ggtgctgtct gctccgatct cccttatgct tcctggtttg agtccttctg ccagtttgct       60
cagtatcgtt gctccaacca tgtctactat gccaagaggn nacnntgctc ncagncnnnc      120
nccatnctat ncccnaacac tntnaaggan gtggaggctt ctncagaant ggctgacact      180
tccatgacca nctggcattg nganccatgc cacagagtga gacctcncan antgtgnacc      240
nnagntccca gccctanctt ggcagcttgc aagtctgtaa ctccagtcct gggagatcca      300
acgccccctt ctggcctcca caagcactgc atgaatccag gcaaaacacc tatacacata      360
aaataaaaaa                                                          370

<210> 81
<211> 260
<212> DNA
<213> Mus musculus

<400> 81
taacagcctc ctctatgatc atggcccggc tgcatgctga gccacggaga aggagaagaa       60
gaagataaag gaggatgaga agggttgggg cggtgcccga cctctgaaga ggagaggaga      120
caggcgacca tgggagcaag tcttcagcac cacatgatgg ggactctgga gttgccgctc      180
aggctgtctg gggtcctggc tgactggcca ccgtctttct catcaataaa aacatcgttg      240
tgcattctta aaaaaaaaaa                                                260

<210> 82
```

<211> 158
<212> DNA
<213> Mus musculus

<400> 82
ggtctagatg tatgtgccat gctgggaacc aggcctggat cgtctgcaag agcagccatc   60
ggtcttagct gctaactcct ctctcagtcc atttgaatac gattctgagg tgacgcttcc   120
ctgtcaccac ccttaacatg ctctcatcgt accctctg   158

<210> 83
<211> 270
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(270)
<223> n = A,T,C or G

<400> 83
agactctgtc atcggcaagt ggagactgta acangactgg gaccctcaca tgccgataag   60
cagtcaagaa tattttctgg gagctggaga gatgggctca gcagttaaga acactgactg   120
ctcttccgga ggtcctgtgt tcaaatccca gcaaccacag ggtaactcac aaccatctgt   180
aatgagatct gatgccctct tcgggtgtgt ctgaagacag ctacagtgtc cttacatata   240
ataaataaat aaatcttttt ttttaaagaa   270

<210> 84
<211> 338
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 84
gttgctcaga gaagcacagt cttcaagacc ccatacccga ggaggaggag gaggaggagg   60
aggagcccat cggagtggct gtggaggang agcgtttnca ccagnaggga gccccaanag   120
catccnataa aagctgtgcc attatgtgaa cttgtcaaga catggtcgat cttcctcaag   180
ctagaancat ggagtcctgt atacagtgca gagccttctc agaagcacat gatatttttg   240
tatttccttt atgtgaattt ttaagctgcg aatctgatgg ccttaatttc ctttttgaca   300
ctgaaagttt tgtnaaagaa atcctatcca tacattat   338

<210> 85
<211> 265
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(265)
<223> n = A,T,C or G

<400> 85
agcctctctt aacattttcc ntggcaaatc tntcagtgcc tggctntatg tggtctcccn   60
tcccccagcc tgaaacctgc ttgctnaggg gtggagcttc ccgctcantc gttctgccac   120
gcccactgnt gnaacctgcc gntttgctgt ttgnagctac acacgtggtc accgtgctac   180
tgnattccga nattatttgg cggnaattgg gcccntcccc nttccttnat aacggagtgc   240
caaaatagta aaaattgaac cttga   265

<210> 86
<211> 240

22

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(240)
<223> n = A,T,C or G

<400> 86
gcccgaaaaa caaaaccaga ggaaggggtg agagaaaaan ntgcaaatgg ggaactgaaa   60
aattattgaa gggctggtga ggtgactcag tggaaaaagg agcttgctgt caagtctgaa   120
gaccagagtt caattcccag gacccacctg gtggaagttg ncttcaaact gccccatgaa   180
tattcaaaca caagcatgta tattcataca aaataaataa atataattta aaaaaaaaaa   240

<210> 87
<211> 220
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(220)
<223> n = A,T,C or G

<400> 87
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct   60
tcctcctcct ccccctcctc cccccttctgc ttcagattta tttattatat gtaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcttgtgggt ggttgngaac   180
cacccaccnt gtggttgctg ggatttgaac tcaggatctt   220

<210> 88
<211> 198
<212> DNA
<213> Mus musculus

<400> 88
cggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct   60
tcctcctcct cccccctcctc cccccttctgc ttcagattta tttattatat gtaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgtgaa   180
ccacccacca tgtggaag   198

<210> 89
<211> 320
<212> DNA
<213> Mus musculus

<400> 89
agttgaaggc ctccagttaa gagattacct caaatctgaa ataaggcttt ggacttgtga   60
acagtattgg aattgttgaa gaatatgggg acttttgaag ttgtcctgga catatgtttg   120
cattataaga tgacaatgaa ggctgccagg aaaactcaga aagtattgta ttaccttttg   180
acttgagttc aatccccaaa gccaaagtgt ggaaggagag agctgattcc tgcaacttct   240
tctgacttct atagcactca catatatcgg gcacatgcat gagtatgcac acacacacac   300
acacacacac acagatcgaa   320

<210> 90
<211> 173
<212> DNA
<213> Mus musculus

<400> 90
tccaagactg ccctttggga ttcaaacggg agccgctttg gactgactgg ctgccttcct   60
cctcctcccc ctcctcccccc ttctgcttca gattattta ttatatgtaa gtacactgta   120
gcagttgtag gacacactag acgagggcac cagatctcat gtgggtggt tgt   173

<210> 91
<211> 335
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(335)
<223> n = A,T,C or G

<400> 91
acaggctaca cacagccggt ggctacatgt ggnaacatct ncagnggntg ttgaagagtc   60
cgtggtggca tctnntgcng caatgnggaa tgcctgggct gtcctctgnc atggctggcc   120
cntggcctgt tgaccacaga ananancagg gtcanaggc tcaagcncac agncccttg   180
gggagatcgc acatagcagg gttctcaacc tgtgggttac aaccccttg agggtcaaac   240
gacccttca caagagttac gtattagcta tcctggatgt cagatattta cattacaatg   300
tataacagca gcaaaattac agttatgaag tagca   335

<210> 92
<211> 235
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(235)
<223> n = A,T,C or G

<400> 92
caaagccacc caccctntga cttctatttta ctttacaatg atgttagccc cccncnnntc   60
caaaantnat gacannggggg ggtttngnct ctggncaaac atgacctcca gagtttggcc   120
cttgcataaa ggagaaaatt aattccttca gttgttctct gacctccaca tgcgtcctgt   180
aacatgggtg tatgcataca cataaacaca catncacacg ttgttaaata aataa   235

<210> 93
<211> 173
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(173)
<223> n = A,T,C or G

<400> 93
gggttccaag actgcccttt gggattcaaa cgggagccgn tttggactga ctggctgcct   60
tcctcctcct cccctcctn cccttctgc ttcagatnna ttnattatat gnaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tgg   173

<210> 94
<211> 205
<212> DNA
<213> Mus musculus

<400> 94
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct   60
tcctcctcct cccctcctc cccttctgc ttcagattta tttattatat gtaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgtgaa   180
ccacgcacca tgtggttgct gagat   205

<210> 95
<211> 315
<212> DNA

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

<400> 95
```
cactgttttg taactatttt gtaaggncac agtccaccag tanctttagg gnacagggtn     60
attttatnca cancagcagn aaatgnaaac caaaacaact ccacaataaa attcttgngt    120
ttcttggggc caagaagtat gnacacgnat aagnataaag nacactggcc aagncatgta    180
cctccagnag tttggccctt gcataaagga gaaaattaat ccttcagtt gttctctgac     240
ctccacatgc gtcctgtaac atgggtgtat gcatacacat aaacacacat ccacacgttg    300
ttaaataaat aaaaa                                                     315
```

<210> 96
<211> 340
<212> DNA
<213> Mus musculus

<400> 96
```
ggcactccag ttaagagatt acctcaaatc tgaaataagg ctttggactt gtgaacacgt     60
attggaattg ttgaagaata tggggacttt tgaagttgtc ctggacatat gtttgcatta    120
taagatgaca atgaaggctg ccaggaaaac tcagaaagta ttgtattacc ttttgacttg    180
agttcaatcc ccaaagccaa agtgtggaag gagagagctg attcctgcaa cttcttctga    240
cttctatagc actcacatat atcgggcaca tgcatgagta tgcacacaca cacacacaca    300
cacacacaga tcgaaaatag ttgtaataaa aaaaattaaa                          340
```

<210> 97
<211> 507
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(507)
<223> n = A,T,C or G

<400> 97
```
gatctggtgg cttgggtgac agccagtttc ctgcacatcc cccatgctga ggacatcccc     60
aacacagtga ctgtgggaaa cagagtgggc ttcttgctcc gaccctacaa tttcttcaat    120
gaagatccct ctatcttctc ccctggcagc gtgtactttg agagggacca ggatgccggg    180
ctctgcagca tcaaccctgt ggcctgcacc caacagctgg cagactgtgt ccccaactta    240
ccctcctttt cctatgaagg cttataggcc tgaggctatg gtgaggcccc agggtaggag    300
ggatggaatg tggagtggag aaatggctca gcgattaaga gcacttgact gntcttncag    360
angnccctgn ngttnanttc cttgcaacca catggtggnt acaaccatct gtaatgggat    420
ctgatgctct cttctggtgt gtctgaagac agagacagtg tacccatata cataaaataa    480
atctttaaa aaattttaaa aaaagaa                                         507
```

<210> 98
<211> 128
<212> DNA
<213> Mus musculus

<400> 98
```
tcagcaaaca tcatttaaaa ggaaattaat ggcgaaaatg gggcattggg aaaccatggg     60
ggaggggga gactgagaga atgagaatga ataatggcaa aataaataaa taaataaata    120
aataaaaa                                                             128
```

<210> 99
<211> 179
<212> DNA
<213> Mus musculus
```

<400> 99

```
tcagggctcc aagactgccc tttgggattc aaacgggagc cgctttggac tgactggctg        60
ccttcctcct cctcccccctc ctcccccttc tgcttcagat ttatttatta tatgtaagta       120
cactgtagca gttgtaggac acactagacg agggcaccag atctcattgt gggtggttg         179
```

<210> 100
<211> 282
<212> DNA
<213> Mus musculus

<400> 100

```
aatcagactc tgtcatcggc aagtggagac tgtaacacga ctgggaccct cacatgccga        60
taaagcagtc aagaatattt tctgggagct ggagagatgg gctcagcagt taagaacact       120
gactgctctt ccggaggtcc tgtgttcaaa tcccagcaac cacagggtaa ctcacaacca       180
tctgtaatga gatctgatgc cctcttcggg tgtgtctgaa gacagctaca gtgtccttac       240
atataataaa taaataaatc ttttttttta aagaataaaa aa                         282
```

<210> 101
<211> 216
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(216)
<223> n = A,T,C or G

<400> 101

```
gagggttcca agactgccct ttgggattca aacgggagcc gctttggact gactggctgc        60
cttcctcctc ctcccccctcc tccccccttct gcttcagatt tatttattat atgtaagtac      120
actgtagcag ttgtaggaca cactagacga gggcaccaga tctcattgtg ggtggttgtg        180
aaccncccac catgnggntg ccgggatttg cactca                                  216
```

<210> 102
<211> 343
<212> DNA
<213> Mus musculus

<400> 102

```
aagggtctcc ctgcctagaa cctgatattt aacactgaga gatccacctg gctctgcgcc        60
gctaaacacg ccacctcgtg ctagccaact ttgaacttat gattctcttg tacactggta       120
acttggaagt tacctctcgg gggctggaga gatggctcag tggttaagag actgactgct       180
cttccagagg tcctgagttc aattccaagc acatggtggc tcacaaccat ctgtaatggg       240
atctgatgcc ctcttctggt ttgtctgaag acagatacag tgtactcgtc acatatataa       300
aataaataaa taaaatcttt ttttaaaaat ttaaaaaaaa aaa                         343
```

<210> 103
<211> 165
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(165)
<223> n = A,T,C or G

<400> 103

```
gcctccagac tgccctttgg gattcaaacg ggagccgctt tggactgact ggctgccttc        60
ctcctcctcc ncctnctgnc cccttgtgct tcagattnat ttattatatg gnngtacact       120
gtagcagttg taggacacac tagacgaggg caccagatct cattg                        165
```

<210> 104
<211> 361
```

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = A,T,C or G

<400> 104
```
gacgcatcct ggactccaca atgaacggga cagttggacc taagtgggaa gctgattatc    60
aaagctnanc ttggggaana tatncnacna attcccattc ataatgaaga cattacttac   120
gatgaattag tgctaatgat gcagcgagta ttcanaggaa agcttctgag tantgatgaa   180
gntacaataa agtataagga tgaaggcatg gactgaagac cctcacccta gctgcctgga   240
aatcagtatt atgttagcag ccttcagatg aagatgtaga actntcannt ccttctggat   300
catgcctgcc tggatgctgc atgttcctgc cttgatgata ntagaatgaa cctctgaacc   360
c                                                                   361
```

<210> 105
<211> 165
<212> DNA
<213> Mus musculus

<400> 105
```
ggttccaaga ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt    60
cctcctcctc ccctcctcc cccttctgct tcagatttat ttattatatg taagtacact   120
gtagcagttg taggacacac tagacgaggg caccagatct cattg                   165
```

<210> 106
<211> 349
<212> DNA
<213> Mus musculus

<400> 106
```
gtaaaggcat tgaaagagaa gattgaatct gaaaagggga aagatgcctt tccggtagca    60
ggtcagaagt taatttatgc aggcaaaatc ctcagtgatg atactgctct caaagaatat   120
aaaattgatg agaaaaactt tgtggtggtt atggtgacaa aacccaaagc agtgacaaca   180
gcagtgccag ctacaaccca gccatcaagt actcccagcc ccactacagt cagttcttcc   240
ccagcagtgg ctgcggccca ggctccagct cccacccctg ctctggctcc cacttccctc   300
tgcctcccta gtgctaggat taaaggcatg cactacaacc aaaaaaaaa                349
```

<210> 107
<211> 424
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

<400> 107
```
gaggaggacc tgccttctgc tgatgagctg gaggactggc tggaggacgt gctggagggc    60
gagatcaaca cagaggatga cgacgactga tgacgacgat gacgatgatg acgatgatga   120
tgacgactag atgactagtg gccgtggcag ccgcgtacca gccccacttg ctccttactt   180
gttgtacctt tctgccatct gtgcccttcc ccgggctcct tgggacacta ggtcattctc   240
tactacaggg ccaactgtgg tctgcataca gggtgcttga ggtcctggtc tccctctccg   300
aggagaaaag gagctgcttt ttcttagatc ccagcccagt tctctcatct gactttgctt   360
tnttnccccc agacctttat ctggatctct tnccgggcan tnccccatac tttaacgggt   420
tttc                                                                424
```

<210> 108
<211> 352
<212> DNA

27

<213> Mus musculus

<400> 108
```
ggttgagaag taccggccac agaccctggc cgatctcatt tctcaccagg acattctgag      60
taccaaccct tggtgagcac aacttcgtgg cagtgggagc actctgctcc aaagtggaca     120
ggaagtagag agctaaaggg gtggggggagc aagcagtatg accctcaaag cacgagttt     180
ggtgacctga ctcctccaat gaggctgtgc ctctaaacca gtggctctca accttcctaa     240
agatgtggcc cttttaatac agttccccat gttgtggtga ccaccccccc caccataaaa     300
ttatttcatt gctacttaat aaatgggaat tgggtcctgt taaaaaaaaa aa              352
```

<210> 109
<211> 386
<212> DNA
<213> Mus musculus

<400> 109
```
gtatttactc aagagaatgc aacctgtgcc tacatagacc ttcatacatg aacaatcata      60
gcagcttcat tcataacagc tccaaatggg gagcagctca agtgcccatc aaggtatcct     120
gacctcctga ccgggtccgt gaccttggga agctgaacac caacccctct tcacccagag     180
gacgacgcca gcggcaggtc atgggagcgc ggccctcgcg acggcagatg actgaagctc     240
ggcgcctggc tctaaccaag ctgcccctg agctgctggt gcaggtgctg agccacgtgc      300
cgcctcgcgc gttagtgacc cgctgccggc cagtgtgccg ggcctggcgc gacctggtag     360
atggcccaag tatatggctg ctgcaa                                          386
```

<210> 110
<211> 100
<212> DNA
<213> Mus musculus

<400> 110
```
gaacaacgac cacgggaagg ttgaaggata atcttctaat accagcactt tgaatgagaa      60
tttgtttctc tgccacaaac tgattttttt ttttaaaaaa                           100
```

<210> 111
<211> 506
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(506)
<223> n = A,T,C or G

<400> 111
```
actgagagta aagacatttc cacgtggaca cctgatcatg tgcctaccct gactgaggct      60
ccccaggcat ctntattgng ggcagccgtg ctacacgctc aactntgagc ccccaacagt     120
ttgcaggctc ccagcccggg ggtctgggcc tnggccccac catgtcgagc ctcggcggtg     180
gctcccagga cgccggtggc agtagcagca gcagtaacac caatagcagc agtggcagtg     240
gccaaaaggc aggaggaaca gacaaaagta ccgcggtggc cgccaccacg cgcccgacct     300
ccgtggcaga cgatgcccca ccccctgagc gtcggaacaa gagcggtatc atcagtgaac     360
ccctcaacaa aaacctgggg ggcttcccga ccactctttt nantactntt cntttggnaa     420
gcaagtggtg gcggcggaaa catgatgggg gtggagtttt gntgacaagg caacggcagc     480
ccgcagcctc cctattggcc aatggt                                          506
```

<210> 112
<211> 100
<212> DNA
<213> Mus musculus

<400> 112
```
aatcgagatc cgagatgaag actgaacttt ctcctcggcc cggggcatgc agggcaggga      60
gttgacccaa gaagagaagc ttcagcttcg aaaaaaaaaa                           100
```

```
<210> 113
<211> 189
<212> DNA
<213> Mus musculus

<400> 113
cggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct      60
tcctcctcct cccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac     120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgtgaa     180
ccacccgac                                                            189

<210> 114
<211> 360
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 114
taccctcaga ggccagaaga gggtgtcaga gcccttgtaa ctggagtttg acggtcgtga      60
gctgcgcatc ttcaccatgg canacgatga tccctacgga actgggcaaa tgtttcattt     120
gaacactgct ttgactcact caatatttaa tgcagaatta tattcaccag aaataccact     180
gtcaacagat ggcccatacc ttcanatntt atancaacca aaacagaggg gatttnnatt     240
ccgntatgtg tgtgaaggcc catcacacgg agggcttcgg gagcctctag tgagaagaac     300
aagaaatcct acccccaggtc anaatttgcc antntntgng ggcctgcaaa ggttatccgc     360

<210> 115
<211> 375
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(375)
<223> n = A,T,C or G

<400> 115
gaaccctaag gactctgcaa tatgaataat tctntagaga acaccatctc atttgaagag      60
tncatccgag taaaggcgag gtctgtcccg caacacagga tgaaggaatt tctggactca     120
ctggcttcta agggaccaga agctcttcag gagttccagc agactgccac caccaccatg     180
gtgtaccagc agggtgggaa ctgcatttat ncagacagca ctgaagtggc tgggtctttg     240
cttgaacttg cttgtccagt cacaaccagn gttcaaccac aaccatctgt ancaagatct     300
gatgccctct tctggagtgt ctgaagacag ctacagtgta cttacatata ataaataaat     360
cttaaaaaaa aaaaa                                                     375

<210> 116
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 116
gagccaggaa gtaatcaaga aatcaaggag tttgcatccg gntacaacgt caaggttgac      60
atgtacagna ngatctgtgt aaatggggac catcccacca                          100

<210> 117
```

<211> 412
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(412)
<223> n = A,T,C or G

<400> 117
```
gtttgtcagg atggtggata agaatattta catcattcaa ggagaaatta acattgttgt    60
tggtgccatc aaacgaaatg cccgatggag cacccatata ccactggatg aagaacggga   120
tccccttctg cacagtttca gtaacctgaa agaggtctta aacagtgtga cagacccant   180
ggatgtcaaa gagaaagaaa tggccttata aaattcattt gtgtggagaa cttgaagnta   240
cttcggaact tgataacttt tagaaccata ctctgtttcc ctaaagaacc tcctaatttt   300
tttaagcctg atagtggtgg tgcatgcctt taatcccagc actcaggagt cagagacagg   360
tggatctttg atttgaggct acctggtctn cagannaagg tccaaggcca gt            412
```

<210> 118
<211> 350
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(350)
<223> n = A,T,C or G

<400> 118
```
gacagaggtt tacagnacag atggctgcgt ntcagtcccc tgctgtaaaa ggttctatac    60
ctgcaacatc aacagttcag aatgttctta ttaatccatt gttaattggg tccaaaaaca   120
ttcttattac tactaatatg gtatcacaaa atacagccga gtcagcaaat gcactgaaat   180
gaaaacgtga agacgacgat gatgatgaag atgaagatga agatgatgat gatgatgatg   240
atgactatga taatatgtag tctaaccacg atgcatgtaa cctgtgttct tggacttgga   300
tccattgtac tacaaattaa aaagcatgtt agatgtttta aaaaaaaaaa               350
```

<210> 119
<211> 165
<212> DNA
<213> Mus musculus

<400> 119
```
ttgagggatg gctactgtca cctgaccact aacggacttc gagctggcga catcaaaaga    60
agcctctatt tcaatattcc aggcctgaga agcgttatct acagagagaa aggagttcca   120
ggacagccag ggctacaaga agaaaccctg cctcaaaaaa aaaaa                    165
```

<210> 120
<211> 327
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(327)
<223> n = A,T,C or G

<400> 120
```
cccctaccac ttccttcata actggaagtn gcaccantaa acanntgagc cttgatcatc    60
acaaaaaaca cgagantaca nccactgtca aagtggtgac tagccactct gtggacaaga   120
aaacaagtca ccccaataga ggtgggtcca agaggcggga ctaanaaaac aaagcctgcc   180
nggccgggtg tggtggcgca cgcctttagt cctggccttt gggaggcaga ggcaggcgga   240
tttctgagtt cgaggccagc ctggtctaca gagtgagttc caggacagcc agagctacat   300
agagaaaccc tgtctcaaaa aaaaaaa                                       327
```

<210> 121
<211> 799
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(799)
<223> n = A,T,C or G

<400> 121
aaacaccgcc tgagagcanc ttaangaggc ctacnantca ngacacttga tgataccaca   60
ccagntccag gtgggagatg caggtctcgt ctgacgacat cnttctgaga atcngaancc   120
ttgntaaatn ggcncttgna tcgngctact naccacccac actgctgtca aagaanaagg   180
catntattnt gcctttnacg ntctagcgag cntctganna atnaaccncn ttgattgacc   240
actctcattt ntactctgat agaccctcta ataatnttgc tcttactgct gacgtgtggc   300
ccactantnc ttaataatct aatgaccttt gttagagaga ggattggtgc tgnccagntg   360
ntagtattaa nacaacnatn ccagtctctg cataaccttg aaaaagaggt tgcagtttag   420
ttctaagatt agaactagta actagaagaa gtggggaatg aaagatcctg gcagaatgta   480
aaaggacaca gaagccctga aattggcaag atagacgtca gtgttagcag aactagcttc   540
actgatttag aaacntagag gtgcacaatg ctttgggcca ctccttgaac ctgngngtct   600
tggcaatgtt ctgaccaagg tgtgtgccca ttggntggan ccttnattga agactctttc   660
ccttggaccc cntncccatt accccatttt ctttggggaa ttngnncttt ggnttaanaa   720
tcntgggaaa aatccccctt aaatnttccc cccttnttnc nttttncccc cccttggann   780
ggcccttttt aaaaaacct   799

<210> 122
<211> 440
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

<400> 122
gggtcccgac acccctttga aaaccccctt tttgtaaaag ccaggcttgg tagtgggcac   60
ctgtcatccc agcactcagg aggcagggtc aggaggatta caggttcaaa gccagtctgg   120
tctatattag aaaaagaaaa ctgtcctttt gctaaagaaa aattaaatga attttttaggg   180
ctgaaatctg tgggtaagat ggagtctgga gctttcctct tggaacagtt aaccgaagac   240
cctcatgggc aaggacatcc gcttgactcc ccactcacca tcaggccaca ctttttaaaga   300
aaaattgttc tctaaccagg attgtaacaa atgtgtaaat agtatttctg agttgaaagt   360
cgatggtgca aatatgtata taacgtactg natttttaca atgatcgtcg catggctctc   420
cacccctttt tggactcaag   440

<210> 123
<211> 435
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(435)
<223> n = A,T,C or G

<400> 123
cttcccttgt cgctgctgaa gacagcgcag aatcacccca tggtaagcac tctgggccac   60
ctccttcat gtgcccacag ctcagtcttt tgcagntcat gattgaaggc ctggcaagat   120
ggctcaatgg gtaaaggtgc ttgctgccaa gccgaaggac ctgagttcaa tccccaggac   180
ccatgtgatg atggaggggt ncatgacttc cctgaagntg ttctctgccc tgtntgcaca   240
cagacagaat ggcaaatgca atacaaagga aaacgttcac aaagaaatct atagccgggc   300
atggtggtgc acgcctttaa tccccgcact tgggaggcag aggcaggcga atttctgagt   360

```
tcgaggccan cctggtctac aaagtgagtg ccangacagc cagggctaca cagagaaacc        420
ctgtctcaaa aaaaa                                                        435


<210> 124
<211> 204
<212> DNA
<213> Mus musculus

<400> 124
aggagcacat gaaggataag dataaggacc gggaaaagtc taagcatagc aacagtgaac         60
ataaagattc tgaaaagaaa cacaaagaga aagagaaaac caaacacaaa gatggcagct        120
cagaaaaaca taaagacaaa cataaagaca gagacaagga aagacgaaag gaggaaaaga        180
ttagagctgc tggggatgca aaaa                                              204


<210> 125
<211> 292
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(292)
<223> n = A,T,C or G

<400> 125
gggttccaag actgcccttt ggtattcaaa cgggagccgc tttggactga ctggctgcct         60
tcctcctcct cccctcctc cccttctgc ttcagatttta tttattatat gtaagtacac        120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgtgaa        180
ccacccacca tgtggtngcn gggantcgaa ctnaggancn ncataatagc acncanggct        240
cnaaatnnct tgagccntct cttcnnnctn tctgnattcc ttgttatggc at              292


<210> 126
<211> 175
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(175)
<223> n = A,T,C or G

<400> 126
ggttccaaga ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt         60
cctcctcctc cccctcctcc cccttctgct tcanatttat ttattatatg taagtacact        120
gtancagttg taggacacac tagacgaggg caccagatct cattgtgggt ggttg            175


<210> 127
<211> 158
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 127
tgccctttgg gattcaaacg ggagccgctt tggactgact gnctgncttn ctcctcctcn         60
ccctcctncc ccttctgctt nanatttatt natnatatgt aagtacactg tancagttgt        120
aggacacact agacganggc accagatctc attgtggg                              158


<210> 128
<211> 283
```

<212> DNA
<213> Mus musculus

<400> 128
actgtactga ctgctggtga gactgctgca atggctcgtc agtgtacccc gctcctccag   60
cagccagcgc actgcctcaa taccctcgtt caaggtcacc agctgctgca ggatcttcac   120
atcgatagct cgcaggcact ctggaggtgg aaggaagagg atcagaagtt caaggccatt   180
ctcagctatg ttggcagttc aagaccagcc ggagcttcat gaaaccctgt tttaaaatta   240
atgaaataaa ataataaaat aaaacaagat ttaaaaaaaa aaa   283

<210> 129
<211> 176
<212> DNA
<213> Mus musculus

<400> 129
ggttccaaga ctgccctttg gtattcaaac gggagccgct ttggactgac tggctgcctt   60
cctcctcctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact   120
gtagcagttg taggacacac tagacgaggg caccagatct cattgtgggt ggttgt   176

<210> 130
<211> 156
<212> DNA
<213> Mus musculus

<400> 130
ggtttcttct ctgtgtagcc ctggctgtcc tggaactcac tctgtagacc atgctggcct   60
cgaactcaga aatcctcctc gtgtgccacc acttcccggc cgggtcatag ctttttttaac   120
ctttaaataa agagcttttg ttgggaaaaa aaaaaa   156

<210> 131
<211> 251
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(251)
<223> n = A,T,C or G

<400> 131
ggagttccaa tgaattcact caggtttctc tttgaaggtc agagaattgc tgataatcat   60
actccgaaag aantgngnnt ganaaagtat ganggctgga gagatggttc agnanntaan   120
ancactgact gctcttctgg aggttcaatt cccagcaacc acatggnggc ttataaccat   180
atataatgga gnctgatgca ctctcctggg tgtgtgnctg aagacagcta cagtgtactc   240
atataaatat a   251

<210> 132
<211> 220
<212> DNA
<213> Mus musculus

<400> 132
gatcacttca tggatttgcc tcacgtacct atgtttgtta atttcctgtg tcgttcccaa   60
gatcacgtaa aaccctctga gcattattga cctccctccc agcaaccaca tggtggctca   120
caaccacctg taacagagat ctgatgccct cttctggtgc gtctgaagac agctacagtg   180
tacttacata taataaataa ataaatctta aaaaaaaaaa   220

<210> 133
<211> 269
<212> DNA
<213> Mus musculus

33

<220>
<221> misc_feature
<222> (1)...(269)
<223> n = A,T,C or G

<400> 133
ggtgcatgat gagttcattg ttgcagntgt acacgactca ctcatgaaaa ggatgtcaga   60
gacccatta cagatggttg tgagccacca tgtggntgct ggaattgaac tcaggacctn   120
tggaccttaa cctctgagcc atctccccag ccccaaaaca ccaaatgact ctaccaaatc   180
atcaagaaga gaattcctct ggcttcggct caaggtccat gcttgttcac ctctggatat   240
taaatgggcg ataattccaa aaaaaaaaa   269

<210> 134
<211> 322
<212> DNA
<213> Mus musculus

<400> 134
gttgggttaa cggcatggag aacagtcacc cccaccacca ccaccagcag cccccgccgc   60
agcccggccc ttcgggcgag aggaggaacc accattggag aagttacaag ttgatgattg   120
accoggctct gaaaaagggg caccataaac tgtaccgcta cgatgggcag catttcagcc   180
tggccgtgag tagccggcgc gccttcccgc caccccacc caccccggt ggagccccca   240
gacaagaggc gaacggaggg ggacccctct tccaggacag ccagggctat acagagaaac   300
cctgtctcca aaggaaaaaa aa   322

<210> 135
<211> 186
<212> DNA
<213> Mus musculus

<400> 135
ggttccaaga ctgccctttg gtattcaaac gggagccgct ttggactgac tggctgcctt   60
cctcctcctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact   120
gtagcagttg taggacacac tagacgaggg caccagatct cattgtgggt ggttgtgaac   180
cacccca   186

<210> 136
<211> 406
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(406)
<223> n = A,T,C or G

<400> 136
gtctactaac ccaactctac tgaactggcc tgcccctgta tgcatgaagt gtctctgcga   60
gtggatcgag ctggcagtgc ctgctgacct gtgaactgaa ctgctggttt ccagacaaca   120
cagatgggag ttgctccaaa gaacctttct gaacatgtac acttcccccg tatcctttct   180
tttctactat ctcaggtggg tggnggcta taagggaggt taagacattt aagaaccgtc   240
attaaaaata aggattgagg ggctggtaag atggctctgc aggtgagagc actgactgct   300
ttncgaagg tcctgagttc aaatcccanc aatnacacgg tggctcacaa ccatctgtaa   360
tgggatctgn anncccctnaa tctggtcntt tgaagacagc ttacaa   406

<210> 137
<211> 490
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(490)

<223> n = A,T,C or G

<400> 137
gaagctgcag tgcttggttc gggtcntatg ttcaggggac cantatttag ataaagaaga   60
aaatagcaaa attatggatg ttgtgttcca gtggcttaca acaggagaca tccacctcaa   120
ccagatcgat gctgaggacc cagaggtngg agactgcatc atagaaatgg angatggctc   180
annttcttag aaccatttnc aaagggacag anagatctnt ttcaactcac ccctaanacn   240
nttggaanac agnttggaga nntggctcat aggctaaaaa tactggctgt tcntccagaa   300
ggcccaacaa ccacatggtg gnttacaacc atcctttang ggatcctggg ccctctttng   360
gggggccccc cgtctnttaa tttaaatnan cggttttttt ttnttgtttc cggggggngg   420
gcgncccctc cccttggaac ttntttnncc tnanttgaac nttttttctt ttggaaaagg   480
gcccccttgg   490

<210> 138
<211> 290
<212> DNA
<213> Mus musculus

<400> 138
ggttccatgg tgacggccac acccacccog ctgcggccag atgtcatgcg ggtcacctca   60
ctccagggct ggggatgaga ccttaaaccc tggattcaag aaagagacca gaggactgga   120
gagatggctc agtggttaag agtaccaacg gaaggtcctg agttcaaatc ccagcaaaca   180
catggtggct cacaaccacc cataatgaga tctgccgccc tcttctggtg tgtctgaaga   240
ctgctacagt gtacttatac acataaataa aatctttttta aaaagaaaaa   290

<210> 139
<211> 256
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 139
ggttccaaga ctgcccttcg gtattcaaac gggagccgct ttggactgac tggctgcctt   60
cctcctcctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact   120
gtagcagttg taggacacac tagacgaggg caccaggtct cattgtgggt ggttgtgaac   180
cacccaccat gtggttgctg ggatttgaac tcaggatctt canaagagca ntcagggntc   240
taaaccgctg agccat   256

<210> 140
<211> 327
<212> DNA
<213> Mus musculus

<400> 140
gtctccatat gctcagtcaa atctccataa ctgtaaatca acactaagag cactggatag   60
ttaaggtcaa ggagactctc acaaaggatc cagaaggtgt agtccagatt aaggtgtgtt   120
ccaccacacc tttaatcccg gatgaccttg aactcggaga tttaatcttc tggaatccat   180
agccactatg cctcaagatc tccataccaa gatccagatc agaatcttct atctccaagc   240
ctccagataa gggtacctgg tgagccttcc aattctggat tgtagtccat tccaaataaa   300
atcaagttga caaccagaaa aaaaaaa   327

<210> 141
<211> 301
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(301)

<223> n = A,T,C or G

<400> 141
tccaagactg ccctttggga ttcaaacggg agccgnttTg gactgactgg ctgccttact   60
gctcctcccc ctcctncccc ttctgcttca gatntatnta ttatatgtaa gtacactgta   120
gcagttgtag gacacactag acnagggcac cagatctcat tgtgggtggt tgcaaacnna   180
ngacannnta gacganggca ccaganctca ttntgggngg angagcatnc anggctctna   240
accgctnagc natntntcca gnctcctgca ttncttctta aggcatgaat gatccagcat   300
a   301

<210> 142
<211> 141
<212> DNA
<213> Mus musculus

<400> 142
gccactcgca aacgacctgt cttctcacgc tctctctctc tctgtttctc actctgtcct   60
ctctctgtct ctatcctata ctaacttgtt tcaaattgga agtgaggata tgtattgccc   120
aagggattaa ataaacaaaa a   141

<210> 143
<211> 349
<212> DNA
<213> Mus musculus

<400> 143
gtgagcccta tttctagaga cagctgctgc tgaccctgta actcaaagga caaactagct   60
ggctaaactc attcttggta ctggtgttgg attattctag aggttggata tgagcctagg   120
tggcctgctg gcctaggagg aggattgagg tcactttctt gcagttgcct ttaagaatgt   180
gtggaatcgg ggctggtgag atggctcagt gggtaagagc acccgactgc tcttccaaag   240
gtccgaagtt caaatcccaa gcaaccacat ggtggctcac aaccatccgt aatgagatct   300
tgactccctc tttttggagg gtctgaaaac aagctacagt tgctcttac   349

<210> 144
<211> 238
<212> DNA
<213> Mus musculus

<400> 144
cctgaaacct ggctgctcag gtttcactgt tatcgggaag agagcatgtg gtggagcctg   60
ccgccctatc attctgccac tcccactgct gctgcctgct gcctagctgt tccggagcca   120
aacacgtggt cacctgcaac tggactcgta ggatgatttg gcaggaatgg gcccccttccc 180
cttcttcata acccagtgtc tggaatagta aaatcgaacc ttgatcagaa aaaaaaaa   238

<210> 145
<211> 304
<212> DNA
<213> Mus musculus

<400> 145
ggagaaactc actcgccaaa caacgtctcg tggtatcctg gctgactctg gccgcttcag   60
cagagcctgg ctgttcctgc tggattgtgc tactgctaca gattcatgtt tggtgtttgc   120
tattgaactg ggctgcttat atcctgacac ggaagagtgg aatcgcccaa agcaagtact   180
tctaatcagg tccacaactc cctttgcctt taaccttgct ttttccctac ctctggttgg   240
tgggctaaaa gggagggtta agaaccccaa ataaagtcag ttttgaaaaa cctaaaaaaa   300
aaaa   304

<210> 146
<211> 250
<212> DNA
<213> Mus musculus

<220>

<221> misc_feature
<222> (1)...(250)
<223> n = A,T,C or G

<400> 146
gaccttgttg aagaagtgt gtcattgtgg tcatggactt taagacctgc ancctagctn   60
cctggaagcc aatctttacc tagccgcctn tgaaacagct cctnctgcac catgcctgnc   120
tggacgctgn catgcttcnc cttgatgata atggactgaa tctntgaacc tgggcaaaga   180
gccnatgggg agaagagaat cttnangctc tgancatcca ggagggtgaa gatgttacca   240
tgaactgcag   250

<210> 147
<211> 334
<212> DNA
<213> Mus musculus

<400> 147
atctaaaaaa actcaaagca atgtccctaa gaagccactt gaaaattcct agatggcctg   60
ggagttagaa gcatgaaaca cagcctcaaa accaaaacca aaaagcgggc tacaggtata   120
aaatgagtgt taaagaagtt tgaaataggg ctggtgagat ggctcagtgg gtaagagccg   180
actgctcttc cgaaggtccg aagttcaaat cccagcaacc acatggtggc tcacaaccac   240
ccataatgag atctgatgcc ctcttctggt gcggctgaag acagctacag tgtacttaca   300
tataataaat aaataaatct tttaaaaaaa aaaa   334

<210> 148
<211> 182
<212> DNA
<213> Mus musculus

<400> 148
ggttccaaga ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt   60
cctcctcctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact   120
tgtagcagtt gtaggacaca ctagaccgag ggcaccagat ctcattggtg ggggtgggtt   180
gg   182

<210> 149
<211> 337
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 149
gtgctgggat tgcaggcatg tggccactgt gacaggtttc ctgtgctgtg ccgaggcccg   60
ggcccagcgc ctcgtgcaca ctagagaaaa ttctgcatac tgacccacat ccccagctct   120
acccgtgtat atttctagtc attctttaaa cccaagcaaa tgtgtagagt ctcctatgct   180
gagatgtttt ttgccactac cagacatgta ggctatcatt tgacgtcttt attccctgag   240
agaaaacttc ttttctgtat ttatgaactt tattattgag aatcactgnt aacctttctg   300
ccaaattaaa gacacttgtg tctctgttta cacggac   337

<210> 150
<211> 377
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(377)
<223> n = A,T,C or G

<400> 150
actctagacc atgtgcctag gtagntttttn ccttctccgc agctctgctt ccccagcanc   60
gctcaccaca cccttgtttt gagaacctca ctaagtctgg agctcanaga aatgangaag   120
gtggatggag actgactcat gngcttgaaa ccatcaaatt gttcaagatc atcaagggac   180
tgagcctaag gctctgtcgg aggagggaga agccactgaa acaggggac ccaggactca   240
catggtggct cgtaaccatc tgttactcta acatccaatt ctgacctgta ggcgccagtc   300
atctacaaga tgcatagaca catgtaggca aaacacttat acacataaaa taaaactgaa   360
aacaagaatt taaaaaa   377

<210> 151
<211> 354
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(354)
<223> n = A,T,C or G

<400> 151
gtctttttcc ccttcctttc tgtggacaca gnacagctct tcggttncag gattgtgctg   60
gtcaattatt ttctcctact tccatgttat caagactact tctacatctt tttcactgta   120
tgtatatatg agtgaaatta tttagagcat tatttctaaa aaatgtattt ccagctctaa   180
aataggttga gattatcatg aacatttgtt gccgggcagt ggtggcacac gcctttaatc   240
ccagcacttg ggaggcagag gcaggcggat ttctgagttc gaggccagcc tggtctacag   300
agtaagttcc aggacagcca gggctacaca gagaaaccct gtctcgaaaa aaca   354

<210> 152
<211> 669
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(669)
<223> n = A,T,C or G

<400> 152
aagcctgagg ttgagctgga accggcttcg aatctgccgc ttgggagaga tgagagggac   60
gggggctgac tgctgctgga ccgactcgct cagctccttc aggtccatct cggccttgct   120
tcgatctgga agacaccagt atagcctcaa tcagaccagg ttctcacact ccaccaccca   180
ccactcaggg tttctctgtg gagccctggc tacactggaa ctcactctgc agaccaggct   240
ggcttcagac tcagatacgt gtctgcctct gccttctgag agctgggatt aaaggcctgt   300
gccaccacca cccagttcac atgaaattta aacacgtccg cccgtaactc tagttctggg   360
caatctgaca tcctcttctg gcttccgtgg gcaacgcatg cacgtggtgt gcctatccac   420
gcattggatc tagatgttcg tgtgcataaa tgcctttaaa aataagcttt acacataaat   480
aagagcggag gagtttgcgc ctggcctcaa atgctgctcc tgacgagaag cacctgactc   540
ctggagtaaa catggattca agtcctggag tggacgcccc tttccttntg ggaaatggac   600
ccggagcagc aattagcnta cctatctgct aggtcaagca cacaacaccn caaattaagg   660
aaaaaaaaa   669

<210> 153
<211> 336
<212> DNA
<213> Mus musculus

<400> 153
ttgagggtca tctgtctttg ttgtctgaga tgcaagagtc acaggagaag tcatcaccac   60
ggtctgcggg agagacgtgg cagacggcgt ggtacggatc tgatctacaa ctgatggcca   120
actagtgaca cccagatgac tgtcacattc acgactcagg tatcgaagga tgttccagcc   180
cctccctact acctcccacc acagggtatc actatgtagc ctggctgtct tggaactcac   240
tacatagacc agcttggtct cgaactacag agatctacct gcctctgctt ccggagtgct   300
gggattaaag gctactgagc cagtcaaaaa aaaaaa   336

<210> 154
<211> 582
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(582)
<223> n = A,T,C or G

<400> 154
agctgtttcc caagccgaag ttagagttct cctccagtcg tctggaccaa ggggagttgt   60
tggacctgnc ctgctccgac tcgggcacac ctgtagccaa cttcaccatc cagaaggaag   120
agacggtctt gtcgcagtat cagaatttca gcaagatcgc cgaggagagt gacagcgggg   180
agtacagctg tactgcaggc atcggcaaag tggtcaagag aagcggcctg gtaccgatcc   240
aggtgtgcga aatgctctcg aagcccagta tttttcatga tgccaagtct gagatcataa   300
aaggacatgc cataggcatc agctgccagt ccgaaaatgg aactgcaccc atcacttacc   360
accttatgaa agcaaagagt gacttccaga ctctcgaggt gacctccaat gacccagcaa   420
cattcacaga taagcccacc agagacatgg aataccagtg cagagcggat aattgccatg   480
gctccggtag gtccagagtt caaatcccan caaccacatg gtggctcaca accatccgta   540
acnagatctg actccctcnt ctgggagtgg cctgaagaca gc   582

<210> 155
<211> 258
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(258)
<223> n = A,T,C or G

<400> 155
cctctacata cgagacagct ctgacaggct gagataggaa tgcctttttt tgntatctat   60
ttttttttaat gtttttatta ggnattttct tcntttacat ttccatgagc tatcccaaaa   120
gtccccaat nnccctccc caggaatgcc ttttngtggc caanaatctn gntgggnnct   180
gttagtgtna tgattntatn cactgtaaag atatggctct gtatttcttg catgcctaaa   240
gcaccttctg attgatta   258

<210> 156
<211> 275
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

<400> 156
aagggagacc ctcactcaag cactcaagnc nnggnacngc cgcggaccca ngangacnct   60
gagaccgtac tcgaaatgta taangagata gctctaatnt tanagcgagt nntcnacctn   120
ctganggacc cgatattgtt gncttagtac catancctgg actgcgttta tcctttttct   180
aatanaagct actaacttat taaggatgca gggcccaaaa gtaagcnaaa gcatnagtgg   240
aatttaaagg tcctgntata ttggaaagga aagtg   275

<210> 157
<211> 288
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(288)
<223> n = A,T,C or G

<400> 157
gactgagatg atggatcaca tgggtggtga tgaggatgta gatttaccag aagtagatgg   60
agcangatga tgattcacaa gacagtgatg atgaaaagat gccagatctg gagtaagggc   120
tgttgtcatc gcctggattt tgagaaagga aaataacttc tgcaagattt cacaattgag   180
aaaacccctg agtcgatagc tctaaaggca gatatgctgt acttgcctcc tctaacccag   240
ttgtcaacct tttttttttct ttttcttttt tttctttttt tttttttg   288

<210> 158
<211> 190
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(190)
<223> n = A,T,C or G

<400> 158
gaactgaggg agcccgaacc tcagctgnca tggcgtcaca gcatngggct gcgcatgcat   60
gctcatgcgg gagcaggccc agcaggagga gcatgcgaga gcgcatgcan nagcaggctg   120
tcatgcatta tatgcaacag cagcagcanc agcagcagca gctgggtggg ccccccaccc   180
cagacatcaa   190

<210> 159
<211> 226
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 159
ggtgtcccat aggtctccgt gcgactagga ggggcagngg tggcggcggt ggcagcagcg   60
gcagcggcgg cggcggcagc agcagcagca gcagctagca acctggtcag ggtacgctct   120
ccatccacag agatgagccg tcaggctgct acagcattat ccactggcac ctcaaagtgt   180
ccaccatccc agagggtacc tgccttgact gacacaactg catgca   226

<210> 160
<211> 401
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(401)
<223> n = A,T,C or G

<400> 160
gactgaggcc tgaagggaaa gatttcagca ttcatcggct tgtcctgggt aagctgaaca   60
aagtctggtt tttgttgtgt gtggnttttc cttccttcct ttctttttct ttctttcctt   120
ttttctttct ttcttttttt aaacttggga ccaccaagtt gtaaagatgt atgtttttac   180
ctggcagttg ttccactggt gaactgtcaa gttgagaaan agtggattgc tagnttgtgt   240
tngnttttaa nattaaatta atccttgata aaagttgctt ttttangggt tagnctttga   300
ccactatagt ttgatgccat ctccattttg gttgacctgt ctcaccatca ggcctgntac   360
tctccatgac taactgngta agtgcttata atggaataaa t   401

<210> 161
<211> 100

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 161
gacttcagga tgcattngac agtgactgng aaactggnag gatcatgccn aacaattatn   60
aaaatggaaa ntacagtgac taccaggaaa cataaaaaaa   100

<210> 162
<211> 195
<212> DNA
<213> Mus musculus

<400> 162
gaactgaggt gaagcactgg tggaaggaaa agaacacgca ggagcgacca gggactgagc   60
gagtggagtt gaccggagca agaagaggtc ctaaaaattc aattcccaac aaccacatga   120
aggctcacaa ccatctgtac agctacaagt gtactcacat acataaaata atgaataaat   180
aaatatttag aatga   195

<210> 163
<211> 216
<212> DNA
<213> Mus musculus

<400> 163
gactgagact ctcagcgttc tcatctctcc tccttcacca tgaagctgat ggacaaattc   60
cactctccca aaatcaaggt gagatggctc agcaggtaag agcacccgac tgctcttccg   120
aaggtcctga gttcaaatcc cagcaaccac atggtggatc acaaccatcc ctaacgagat   180
ctgactccct cttctggtgt gtctgaagac agctag   216

<210> 164
<211> 348
<212> DNA
<213> Mus musculus

<400> 164
cttcaagaag ctctactgcc tgagggccac tggctggaag aaccaatttc tcttacacag   60
gttccaggtg tgcatgtcgg gcatccctgt gggtgtttgt ggtcggctgt ctgtccatgc   120
tgctataccc cagtgtgctc tttgatccag tcccgaacta cagggagcct tgtgtacacg   180
cctggcttgt tcctctgagc gcagccttca ccccagctca ccacaccagc ctggaacatt   240
cgcccatctt tctccgcgct tgacaagggg ccaccagagt caccctacgc aaaataaata   300
aataaataaa taaataaata aataaataaa atacccgaaa aaaaaaaa   348

<210> 165
<211> 448
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

<400> 165
gactgagcta cggagtcaag gccaagtgag ggggaccagt gcggcctgtg atgactgaag   60
ccaccagcgt ctcagtgttg gacgtttcca gtgtgtgtct gacgattcga gcacacgtgt   120
gcacacacac ggacggacac acacagacac acacacacac atattctcac acacttatgc   180
gtgtgtgaat atgtgtgtgg atgtctgtag ctgtatgtaa agcacatatg gctacaggtc   240
tagatacaca catgagtgta tatatatatg tatgtccatg ctagatacac acacgagtgt   300

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```
atatatatgt atgtacatgc tagatgcaca catgagtgta tatatatgta tgtacatgta    360
aagatcgaag ggagcagggc gttttctcca aagtactgga cctggcttta accaaaattc    420
ttaaggaaaa tntttcaata taaaaccc                                       448
```

<210> 166
<211> 462
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(462)
<223> n = A,T,C or G

<400> 166
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ctgagccagc aagcacatct gttggagcct acttcttcag gattacagtt tatacacgaa     60
gaccagctga aacacccaga ctgcagactc acgcccactg gaagcctacc tcttcaggat    120
tgcagtttat acagagggcc agctgaaaca cctagcctcg tggaactaga ctcttggact    180
tcccatttac agctgtccat tgttggnncc tgtttccang tccctgcatg ggttactgtc    240
ccgantnccc ttaaggatat gctgtgatat ngcatngtng gccanataaa ccttttcctg    300
accaatntgc anatagntgn nctagttctg nacttcctct ttggtctggc tgttggatta    360
tggtccacag tgaggaccan acnnagacac agtgaaaggc tacttnctgg ctggaanggg    420
acatggtgtg gtgggtcann tgggggcatc ctttgttttc ca                      462
```

<210> 167
<211> 391
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G

<400> 167
```
ctgcttcagc aggatggagc atcantgaga tggntcagca ggaacgcaag cagcagcagg     60
agctgcgctt ggccttgaag caggagcgcc gggctcaggc acagcagggc catcggccat    120
acttcctgaa gaaatctgag cagcggcagc tggccttggc tgagaagttc aaggagctga    180
gacgcagcaa gaagctggag agtttcctga tcgaaagag gcggcggaac gcaggcaagg    240
acaggaggca cctcccgctg agcaaggagt agtaagaact gtcccaggag acctggatct    300
gtgggaacgg ggcttggctt gcccggctct ggatctttnc cttgctcaaa aatgagcttg    360
atgactacca ctggcctaag ctgacttgga a                                   391
```

<210> 168
<211> 574
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(574)
<223> n = A,T,C or G

<400> 168
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aagacggatg ctccccattc tgatgtgaag gatgangaag ggacngnaga anagncnncc     60
ncnnnnttta nacngactan canganaanc ttgaagagaa acacnngagt gatgctgaag    120
aagatggtgt tactggcagt caagatgagg aagatagcaa gcctaaagca gaggaggatg    180
aaattttgaa cagatcgcca agaaacagaa agccacgaag agagtgaaac aatctttaag    240
aacttgatct gtgatttcct ctccctcccc ttcccctgca aatgtggtcc taggagaggg    300
cctggtgtac cttangtggg agctcaaaac ctcaagatgt caccatcaac aggttccagt    360
gaatactagc ctgtaatttt aaacatctag cagtaaataa ttgcagttgt aatgtaaagg    420
accctgtttc tgtagaaagg aaaacattta acataatggt tgngaaatgt accatgaaac    480
actaactagn gttttggttg nttttaaaan ttttccaggg nggcttttt tttttttccc    540
```

```
ttttcccttt tttttttttt ttttttaaaa aaaa                                        574

<210> 169
<211> 203
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(203)
<223> n = A,T,C or G

<400> 169
actcactatg aagccnnaga tgaccttgaa cttctgatcc tctcacctcc atccctgagt        60
gctgggactg ctggtatgtg ccgttatgng tgtgctgttg ggagattgan ctcaaggcct       120
ctcccatgct atgcaagcac cctaccaact gagctatatc cccagccttc ccaccttana       180
gnggtatatt gtactgagga tta                                               203

<210> 170
<211> 270
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(270)
<223> n = A,T,C or G

<400> 170
gactgagatt ctcacaaaca caaagataaa cacaaagatc gagaacaccg gcataaagga        60
gcacaagaag dataaggata aggaccggga aaagtctaag catagcaaca gtgaacatan       120
agattctgaa aagaaacaca cagagaaaga gaaaaccaaa cacaatagat ggcagctcac       180
gaaaaacata angacaaaca taaagacaga gacaaggaaa gacgaaagga ggaaaagatt       240
agagctgctg gggatgctaa aataaaaaaa                                        270

<210> 171
<211> 342
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(342)
<223> n = A,T,C or G

<400> 171
ctgagagaga ttcagcctca aagacatcaa agccataaga cactatgtgt aaggtcaatg        60
ggatctttgg gaacaaaact gattcggaaa agacacctca tcttatggga gctgggcctc       120
tgtgtcacct ggaagagcaa acacatcatt taagaatcca tatgccaaca aggttttgct       180
gaaaggaccc cgatatagct gtcttgtgtg aggctatgcc agtgcctgnc aaatacagaa       240
gnggatgctc acagtcatct attggatgga acacagggcc cccaatggag gagctngaga       300
aagcacccaa ggagctgaag gggtctacaa ccctattggt tg                         342

<210> 172
<211> 331
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G
```

43

<400> 172

```
actgaggtga ctccanngaa tgggtcattc catctccana ggggtnagnn acccaccagc      60
tgaaaactgc tttactaaat tggtctgcat ggctggccta caattcaaag atctgcctgt     120
ttctgcctcc cgagngccgg gatttaaagg catgtgttgg gctggagaga tggctcaacg     180
gttaagagca cagactgctc ttccagaggt cgtgagattc tgactccttc ctcangcatc     240
ctgataaaga tgttcgttta ctggtggctt gctgccttgc tgatattttc aggatttatg     300
ctcctgaggc tccttacacg tcgtgagatc c                                    331
```

<210> 173
<211> 353
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(353)
<223> n = A,T,C or G

<400> 173

```
tcaaacggga gccgcttngg actgactgnc tgccttcctc ctnctccccc tcctccccct      60
tctgcttcag atttatttat tatatgtaag tacactgtag cagttgtagg acacactaga     120
cgagggcacc agatctcatt gtgggtggtt gtgaaccacc caccatgtgg tngntgggat     180
tnganctcan gatctttana agagcagtcn gggntctaaa cngctgagcc atntttccag     240
nctcctgcat ttcttcttaa ggcatgaaat gatcncanaa tggnacgaca gtcttgnntt     300
ntttcctttt ttagaanana ttttttccct ttttncactc attatactgt att            353
```

<210> 174
<211> 327
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(327)
<223> n = A,T,C or G

<400> 174

```
tgagatcaac ttgtgataat gctgccattg agagaaactc acccaacagc tgctcatgag      60
gtcctgcaga agtngcctct tccattgcct tgcctcagga tggntggtaa acctggcnat     120
tncttcanga ttgaactaca gctgcctggn gtctgcctgc caagaggact ggtctgcagc     180
tgctgaattg tatttgatgt ttgctacagg actgacctgc tgcccaagaa gatcaagctt     240
gcccccaaag aactactgat gaacaggctc acttcccct a tatcctaata aattttctct     300
tctactacct ttgatgggta gtgggct                                         327
```

<210> 175
<211> 235
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(235)
<223> n = A,T,C or G

<400> 175

```
actgagaaag tctcgggctg gtgagatggc tcagtgggta agagcacccg actgctcttc      60
cgaaggtccg aagttcaaat cccagcaacc acatggtggc tcacaaccat ccgtgagatg     120
ccaggacttg gaaggtggan nccaaactgg ntcctgaaca aacagaagga tgtgagngat     180
gggaagttca nccaggntct ggccaacggt ctagacaaca agctgcgtga gatga          235
```

<210> 176
<211> 325
<212> DNA
```

44

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 176
atggcacaat tcaatgaaac tgactttcta nagaanccaa gagttggggc tgnagagatg        60
gctcagtggt tnagagcact gactgctctt cnatgacgtc ctgagtgtca attgccagca       120
nccacatggt ggttcncanc agatncatnc ctgnagatcg cacatgcccn ctnctggtgn       180
gtctgaagnc antctccnnc tnacttgcat annntnaaac cttaagtgtt tggcatgagg       240
ctttaacaga cacaatctgg agtgnctatg ttttacccaa gangcccaaa aaagtancat       300
ttgattgcct agagtggatc ataaa       325

<210> 177
<211> 280
<212> DNA
<213> Mus musculus

<400> 177
gctggcgaca tcggccctcg tctgacccag gaacgctaag gaaggcacaa tgcggcgctg        60
ggtgaagatg cttcatagag gagaggagtc cctgaagatg cagagcactg tggcagcatc       120
agaagctgac aatgaccaat tgagagcggc cagcagagcc agtcctctta cagctgcaga       180
actcacggtg tgccagtcaa tggccatttg gctttttgaag caaattggga aagtgtaaac       240
gcttgataaa tagttgcctc ttgagtgaaa atgaaaaaaa       280

<210> 178
<211> 410
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(410)
<223> n = A,T,C or G

<400> 178
gtggctgcca atttgatgta aactccctgc tatgacgctt aactgtctgg aggagaagta        60
caagttggac taggaacaga ttgatccctc cacgtcagcc tcctggccac ccgagactca       120
catcttgtca gagaaacaca atgggctcat ttagctgtac attgaactgg tggtcttcta       180
agagaatgtg atgataataa gactttaagg taaaagttaa gaactggggc tgggggctgg       240
agagatggct cagcagttat agagcactga ctgctcttct gaaggtcctg agttcaaatc       300
ccagcaacca catggnggct cacaaccatc tgtaatgaga tctggcacct tcttctggng       360
tgtctgaaga cagctacagt gtacttacat ataataaata aataaatctt       410

<210> 179
<211> 290
<212> DNA
<213> Mus musculus

<400> 179
gactgagatt taccttcaag actgctgaaa ttttaactac ccaagatgcc tgtccctccc        60
ccaccagcac ccccaccgcc accaacattt gcactcgcta acactgagaa gcccaccttg       120
aacaagacag agcaggctgg gaggaatgct cttctctctg acatcagcaa agggaagaag       180
ctaaagaaga cggtcaccaa tgacagaagt gccccaatat tggacaaacc aaagggagcc       240
ggcgccagtg ctggtggcta tggtggaggc ggcggaggtg gtggtggagg       290

<210> 180
<211> 287
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(287)
<223> n = A,T,C or G

<400> 180
agactgagag agaagcctgc cgatgaatgt ctcgtggaat tccanccgat tcttcccact      60
tncgatggggt naanccaccg ntactgattc ncatttggng tnngctatng gactgaacct     120
gctgatatcc tgacatgaag cttagagtcg atctaaagaa ctacttctaa acaggtccac      180
aatgcccttg ncctagtaac cgtatctntc ccctacctct ggtcggtgct ctagaaggga      240
gattgatgca ttgaagaacc ccaaataaaa taggctttga aaaatca                    287


<210> 181
<211> 273
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

<400> 181
tatttgcact taacagcaac ctcagcttnt tgccaggcgg ngagtaccaa gagctgctgt      60
ggagtgcaga tgctgacagg aagcagcagt gcagcttcaa gggcaaggac ccaaaggtga     120
gactgaggga tctgggcaga acactgagca gatatggctg ttatgggaag gacacagtct      180
ggacatcgcc agcactgggc ttcagcccca gccccagccc cagccccagc cctgtcctnt      240
atgngatcct ggataaatag attcatctgg tca                                  273


<210> 182
<211> 453
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(453)
<223> n = A,T,C or G

<400> 182
ttaccttaaa gatctncctg ttttgcctgc cgagngtctt attanngggct gctccatcac     60
accagggatg gcaagatgcc ttcnagggta atagcactga ctgctcttcc naaggtgcct     120
gagttcanat cccagcancc acatggncgc tcaanaccat ctttaatgag atctgatgcc      180
tgtttctggt gtgtngtgac aacagctact ncgtacttat atatnacnaa tggatatctc      240
tttcaagttt tacctgccaa agttacacat gaaggggaca ctgtgggaga ngagtctgtc      300
tcctgcanaa tgtctctaan aagcccaggt ttctccttaa cctangaacc ctgcagctgt      360
aggacccana agtggggtct cttctctata ctaactatct taacccttat ctcttgccca      420
ctgaatatta aataaaatat cattagttaa tcc                                  453


<210> 183
<211> 308
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(308)
<223> n = A,T,C or G

<400> 183
gcctccagga tccagtccgg ctgtcgcgtt gcctgatcct gttcaagttg naggcttggg      60
aggaactgan tggtaggtca aggcttctat cttttttcca tgctaagggc tgtaccactg     120
ccaaaggtta ngaaaagata agaggggctg gcgagatggc tcaacgggta agagcacccg      180

46

```
actgctcttc cgaaggtcct gagttcaaat cccagcaacc acatgggggc tcacaaccat    240
ctatnangag atctgactcn ctcttctnga ntgtntgaag acagctacag tgtacttaca    300
tataataa                                                             308


<210> 184
<211> 440
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

<400> 184
agactgagaa aggccaactt ccatcaatgg gtggatgnnn cntgggactn tgctncacga     60
ntgcntgggc tgatagagcc tnanattcaa nntggctcat nttaccctat ggaaagagga    120
ggtggagtgn gagagccaat tgnaatggaa nacagngagg aaacaaaggc cttcnagaca    180
caanaggact gctgagctca caaagactga ggcagcaccc tcaggacctg cacaggtcta    240
agcttgatgc gatctgagta ctgagagggc aactggacac aattctatat tgataaccca    300
gaagctttct ccagttgata aactctttca aaggaaaaac ttgttttcta ccatggagtg    360
acactggata tngaaacctt cccgttaaca ggcagacttc catgggctca agacttccaa    420
tacaatatga actcagttgc                                                440


<210> 185
<211> 207
<212> DNA
<213> Mus musculus

<400> 185
ctgagggttc caagactgcc ctttgggatt caaacgggag ccgctttgga ctgactggct     60
gccttcctcc tcctccccct cctccccctt ctgcttcaga tttatttatt atatgtaagt    120
acactgtagc agttgtagga cacactagac gagggcacca gatctcattg tgggtggttg    180
tgacccaccc tgcgggtgct gggattt                                        207


<210> 186
<211> 318
<212> DNA
<213> Mus musculus

<400> 186
gtctcctatg ctcagtcaaa tctccataac tgtaaatcaa cactaagagc actggataag     60
ttaaggtcaa ggagactctc acaaaggatc cagaaggtgt agtccagatt aaggtgtgtt    120
ccaccacacc tttaatcccg gatgaccttg aactcggaga tttaatcttc tggaatccat    180
agccactatg cctcaagatc tccataccaa gatccagatc agaatcttct atctccaagc    240
ctccagataa gggtacctgg tgagccttcc aattctggat tgtagtccat tccaaataaa    300
atcaagttga caaccagg                                                  318


<210> 187
<211> 438
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(438)
<223> n = A,T,C or G

<400> 187
tccagactga gaaaangaga agaaatggca gnggttgatg acaaccaccc ntcntcccca     60
aaccaaaagg ancaggnagg aacccntct tccaggactc ctgggacaca gagtcttcaa    120
gcagcgacag tggtgggagc agcagcagca gcagcatcaa cagcccagac agggccagtg    180
ggccagagag cagcctgagc cacaccatcc ccggatcctg ccccagcacc ccccagccga    240
```

```
tgcctgagca gtctggcact atgcccaagg gcccttactt tccacatcaa ccagaccctt      300
gaangaggct cactttcata agcctacagc acccgangcc ggcccgccga catgatgctc      360
cttccggcaa gtttcttgcc ttctgtgaan ggacaagcac tgtgcaaaat ggatatttca      420
acttaatgat ttggtttt                                                    438


<210> 188
<211> 357
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G


<400> 188
agactgaggg agatcataga caacacaagc aaagagaacg ggatcgacat catcctggcc       60
gacaggacct tccatctcat cgcggagtcc cccgaagatg ccagccaatg gttcagcgtg      120
ctgagtcagg tccactcgtc cacagaccag gagatcagag aaatgcatga tgagcaggca      180
aaccccagaa atgctgtgag gtgctggaga gatggctcag cagttaagag cactgactgc      240
tcttccgaag gtcctgagtt caaattccag caaccacatg gtggctcaca accatccgta      300
acaagatctg atgacnccct cttntggagt atgcttacag ctacagggta cttacat         357


<210> 189
<211> 100
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G


<400> 189
gagcacggca gtggtgaccc aacagctggt gtctaagccc agccgggaga ccccgagggc       60
canggccctg tcgtgttagc accgcagatc ggaaaaaaaa                            100


<210> 190
<211> 361
<212> DNA
<213> Mus musculus


<400> 190
agactgaggg agaagagatg ggtgactgtg ggtgatacct ccctgaggat attcaaatgg       60
gtgcctgtga cagatagcaa ggagtgtacc atattcatgc ctggtgccca ggaaggtcag      120
aagagggctt cagatccctc agaactggag tcctggatgg ctgagtcacc atcgaggtac      180
tggaaatcaa atccagatcc tctgaaagag cagcagacac tccttagctg cagaaccatc      240
tctccagctc ctccacagtt taaaaatatt atgtattttt atcttatgtt catgtgtgtt      300
ttgcctgcag aggccaaaaa tacatatctg ttctcgtgga actcgaatta caaaaaaaaa      360
a                                                                      361


<210> 191
<211> 241
<212> DNA
<213> Mus musculus


<400> 191
cgaagaaatg ctgtacgtgc ccttaaatca ctctctaaga aataccgctt agaagtggga       60
atccaagcta tggaacatct tatccatgtt ttacaaacag atcggtcctg agttcaaatc      120
ccagcaacca catggtggct cataaccatc cgtaacgaaa tctgatgccc tcttctggaa      180
tgtctgaaga cagctacagt gtaattatat atagtaaata aataaatatt tttaaaaaat      240
g                                                                      241
```

48

<210> 192
<211> 262
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(262)
<223> n = A,T,C or G

<400> 192
cttttccctg gtcccangac ttncccaccc ctcctccaaa taccaagact atgggcttaa   60
aantttcaaa tgggngctgg agagatggnt catcnagtta agagcaccga ctgctctttc   120
taaggtcctg agttcaaatn ccancancca tatngnggct cacaaccatc tgtaatgnaa   180
nctgatgccc tcttctgntg tgtctgaaga cagctacagt gtactcacat atattaaata   240
aataattctt taaaaaaaaa aa   262

<210> 193
<211> 224
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(224)
<223> n = A,T,C or G

<400> 193
tgaggtccgc atagccgcta aattcatcac ccatgcaccc ccaggggagt ttaatgaagt   60
attcaatgtt ccaaccctgg gacagccctg aggtgctgaa caagggagat tgctgcaagc   120
tccattacna cctggacgaa aggntgtctc aaaactnaaa tgaantgaat agaacccggn   180
cgggggcggt gcaccccttt attcccacca cttgggaggc acag   224

<210> 194
<211> 402
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

<400> 194
ctgaaggcag tttacattcg gagttccgcg gactcttcan aggctgtaaa aatgccggag   60
tcacgaaagc ctgcaaagag ctgttgcttg ccttgctgct gctgctgcta ctgccgtccc   120
tgcccgtgct gcagctgcta ctcctgctgc tgctgctgct gcttgttgct gattgttgcg   180
gttgctggtt gctgtttact gtttgctgcc ggctggattg ctggattgct gattgccagt   240
cggcgaaatc ctggcgatga agatccaact tgccccaaga aacaagacga ccctaagaag   300
tagtctaatg atttcaatac gccctttccc cctctgaccn tttttctctt accttatgct   360
gggggattgg aagggtggca gaaaaagaa cccaataaag ta   402

<210> 195
<211> 413
<212> DNA
<213> Mus musculus

<400> 195
actgagggga gtacagttct ccaacactgc cccagctaaa tcatctaatg ccacaggtga   60
caaggggcaa gaccacctct cctgttctca tgacctaggg ccggctctcc cacctgacag   120
aggcagcaaa aacgtaggtg gtgggagggc acctctccct cactcatgct accacgtggc   180
agacaaggga catgcagaca agggtcatgt gctcatgacc tctgtcagga tcacccaagt   240
ctccaccatc agtgccaact ctactgtgct gctcagatca gtttcttcct ctgaagatgc   300

49

```
gctgtctttt gcagatttca ttgatttttt ctttatacct ggttcagcaa aacaacatag      360
gaaggttaaa agacaggctc aacagtgaaa atttggtata ctttgaaccc ata             413


<210> 196
<211> 420
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(420)
<223> n = A,T,C or G


<400> 196
acctgcttgc tcggggtgga gctncctgct catncatnct accacgccca ctggnggaac       60
ntgaggagcc acanacgtgc nccnttctac tggancaata nantattatg gtgggaatng      120
ggtcccctnc cccttccttc ataactancc gnnanagcaa taaaanttga gccttgatca      180
tnangantga aaaaagaagg gggggggna nnancccaac atggacacag gaatcttctt       240
gatagttcag tcaagttctc tcttctttat ttcccccaa cccccagctt atgttcctca       300
gcaaactctc aattacagng gggctatatt ctatttttct ttaagggnna tggataccat      360
nnantttcct aannaccctt nangggata aaagggnttt acatattaca gggggaaaaa       420


<210> 197
<211> 376
<212> DNA
<213> Mus musculus


<400> 197
agactgagga taattgaaat aaatcaaaac caaaagcagg tggaacagga tattaaagtt       60
gccatcttca cattgatggt ggagataaac aaaaaaggga aagctctgct gcaccagctt      120
gagagtcttg caaaggacca tcgaatgaaa ctcatgcaac aacagcagga agtggctggg      180
ctttctaagc agttagagca cgtcatgcat ttttctaaat gggctgtttc cagtggcagc      240
agcacagcct tgctgtacag caagcggctg ctcctgcttc ctgacctgct tgagttccag      300
tcctgacttc ctttggtgat gaacagaatc gtggaagtgt aagctgaata aaccctttcc      360
tccccaaaaa aaaaaa                                                      376


<210> 198
<211> 248
<212> DNA
<213> Mus musculus


<400> 198
ttgacaccct tagtctgcaa accaaactca gggccttctg tatgtggagc atttgttgta       60
ccgctgcctg aggacgagga aggggaagtt actgggctgg cttcgagaga tatgtatgta      120
tgcctgatgc ctgtggagtt ccaaaggtgt gtccctggg attggagtta caggcagttg       180
tgagccattt gggttctggg atgctaaccc aggtctctg caagagcaac gagtgcttca       240
accactga                                                              248


<210> 199
<211> 100
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G


<400> 199
ctcatagtaa aaagaagcga tccgggtcnc gcagncgnca ttcnaagtat ctcacctgtc       60
aggcttccat tgaattccag cctgggagct gaactcagta                            100


<210> 200
```

```
<211> 249
<212> DNA
<213> Mus musculus

<400> 200
actgaggatt ttggctttag agaagcttgg tgctgtcttc aatcaagtag ccttcccatt      60
gcagtacaca cccaggaagt ttgtcatcca ccctgagagt aacaacctta tcatcattga     120
gacggatcac aatgcctaca ctgaggccac aaaagctcag agaaagcagc agatggctga     180
ggattgtaag gaattgggct gccgactgta agtcatcaat aaattccttt actatctaga     240
aaaaaaaaa                                                             249


<210> 201
<211> 260
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 201
cctgagactg caagtggcaa tgtggaagca aaagtcgtct gcttttacag aagacgggac      60
atctccaaca cgcttatcat gctcgccgac aagcatgcta tcttncacta nnagcctttg     120
gangaanaca taaaactcnc anntcctnnt gcgccntgcc tgcctggata ctgccatgct     180
ctcacctgga tgataatgga ctgaacctct gaacctgtaa gccagaccca attaaatgtt     240
gtttttata agaaaaaaaa                                                  260


<210> 202
<211> 442
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(442)
<223> n = A,T,C or G

<400> 202
gatgaggtag gcacggctgg ccantcctgg gtgcacccca aaatacagtt tgctttaatt      60
gaacaatcac tcaaaaactg gcncaaggaa nananntgat ngnngnnccn ganctgcggg     120
tcgcggtaat aaaggttccc gtaaagnnga ctgttaagaa ggattcaact gtatgaattc     180
agaacttttc agctggggaa cgagagtacc agtgagtaca gctttacgag gtaagtccga     240
tcttgaactt tctaacgaaa ttcaagacag tctatcagaa gtaaagtgga aaatggcttt     300
acaagttatg tttggccttg aattttttct agtgttagaa ncccttttgt tccttttcac     360
atgttatcaa gtggttaaag cagggcggat tctaaaggaa attcannaca agctntcana     420
agtaaaacgg ggagaaagag tt                                              442


<210> 203
<211> 197
<212> DNA
<213> Mus musculus

<400> 203
gactgggatg tcctaacttc aggatggaag gaaggaaaca tgatgccata ttgaagaggt      60
tttgtctttg tttcaatggg agaagaagag ctacggatac catcaaatta ataaagatta     120
gatttggcca ggggagacct cctgaaaatc ttggctacag acatgaagga aaaaattcaa     180
gaagaccaaa aaaaaaa                                                    197


<210> 204
<211> 301
<212> DNA
<213> Mus musculus
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51

<220>
<221> misc_feature
<222> (1)...(301)
<223> n = A,T,C or G

<400> 204
gactgaggga gaaactcact cgccaaacaa cgtctcgtgg tatcctggct gactctggcc   60
gcttcagcag agcctggctg ttcctgctgg attgtgctac tgctacagat tcatgtttgg   120
tgtttgctat tgaactgggc tgcttatatc ctgacacgga agagtggaat cgcccaaagc   180
aagtacttct aatcaggtcc acaactccct ttgcctttaa ccttgctttt tccctacctc   240
tggttggtgg gctaaaaggg agggttaaga accccaaata aagncagttt tgaaaaacct   300
a   301

<210> 205
<211> 267
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(267)
<223> n = A,T,C or G

<400> 205
atgacttgga taaagaacta aacaactaca ttatgcggtg tagggaatgg tactgaaaag   60
aaagcaaaaa aagccaagac taaaattaaa gctgaagtat aggaggagat ggaggaggag   120
gaggcggagg aagaacaggt agtagaagag gagccgactg taaagaataa aaagaagaag   180
gataaaaaga aacacataaa ggaagagcca ctttccgagg aggagccatg tnccagcaca   240
gcagttccta gtccagagaa aaaaaaa   267

<210> 206
<211> 370
<212> DNA
<213> Mus musculus

<400> 206
agctgtagct gtccctccaa acaaggctat tcagagagtt ggagacaaca gaaaaggcaa   60
gctagacacg ttcagcatga gtctaggact gggctccgta atttcctgtg cgtcttcaga   120
acaatctggc aaccacacag tttgtaaact gtacacctga acttccaaac tttacatatt   180
atacatacat acccatacat atggatagat acacgtatat gtatatatgt atattgtgta   240
tatgtatata aatatatatg tgtatataca tatatttata aaatgttaag acatatctga   300
tttactttca ccactacaga attatgtata ttactggaaa aatttagaaa tacttgcttc   360
ttaatagaat   370

<210> 207
<211> 256
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 207
acactgagag accctgttga ctgactgagc tggcttggcc acccaccctt gaaccaacga   60
tcatcctgtc ttggtttccc aagtgctggg attacagatn cccngngact ngcatgacac   120
ccctgtnctc ttntctcgga gacccngtga cttgcctgnc ccacagaaca cactnagcga   180
aaanctgctg nctgaataan cctnctgccc ccgtgcgtct cctnctccgt agncgtnact   240
gacggactgt ggtgac   256

<210> 208
<211> 544

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(544)
<223> n = A,T,C or G

<400> 208
ctgagccccc tgggatgata cccaacaact catgagaata atcttcatga ccgaagagtg   60
agagaggata atgcaggaag ccaaaaagaa tgtcccttca gacacgaggg catcatcgat   120
tgaccaggct gttatctaca gcgggtgtct cctgattaga cctggctggg actttaacac   180
agcagaaggt aagtggcacc tgaaggtcta ccgccaggct ccattggcag gtctcaagga   240
gggctgtact acaacccaca aatttgacca aggtacgtga agttagacaa ggatcagatg   300
agtcacctgc tgcctttcta gaatgactca tggaggcatt ccgtcagtat acaccctatg   360
atcccagcag caaggagcac aaagctactg ngactatggc atttattaga ccagcttgtt   420
agagatatca ggaaaatgct tcagaggcta nagggatgac agggtaagtc actgaggggt   480
ttaatgcagg ttgcttgagg aagtctacca taacagggag acaggggag aaaaaaccat   540
attg   544

<210> 209
<211> 525
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(525)
<223> n = A,T,C or G

<400> 209
gcaactgaag gaaaagctgc cctatgtggt aatgaaaaac ttaacactgt cctgcatgac   60
tgcctatgga agaccgatga cctctgccct caagcccaat ggagaatcct aggggcgcta   120
gctccatcca tctgtaagtc ccagaaccca agtctcagga gcggcgggag accggagaca   180
aagtgagaga ggtggatgga agcgaaagac aagcaggaga gagagaagag accacgctga   240
ctctcactcc ctcttcttta atacaacaaa gttgcaactt gggctcctgg atctaaatac   300
cgcaggtcca gagaagacaa aacaccaggc atcactgcat ctcttagggg gtacccacca   360
agacctccag gtccttcact ccaggaaggg ccctgttgaa tatctgcaga gagatgggtt   420
ggagcacagc ttggtgctca gtcctggccc tgtggctcct ctggtgtgct gtctgctcca   480
acgcaacgtc aggggacng caatgcgttt cctttttgac atcca   525

<210> 210
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 210
agaactgagg gttccaagac tgccctttgg tattcaaacg ggagccgctt tggactgact   60
ggctgccttc ctcctcctcc cctcctccc ccttctgctt cagatttatt tattatatgt   120
aagtacactg tagcagttgt aggacacact anacgagggc accagatctc attgtgggtg   180
gttgtgaacc acccaccatg tggttgctgg gatttgaact caggatcttg cagaagagca   240
ntcagggctc taaaccgctg agccatctnt ccagnctcct gcattccttc ttanggcatg   300
aatgatccca gcatgggacg acagtctgcc ctcccttctt tttgagggag at   352

<210> 211
<211> 433
<212> DNA
<213> Mus musculus

53

<220>
<221> misc_feature
<222> (1)...(433)
<223> n = A,T,C or G

<400> 211
actgagcata aacagaggcg gcatgacaag aaacnnaggc tctggaggtt ttggtggtgg   60
tggcaccagg agagggacac gtggaggcag ccggggaaga ggtagaggca ccggcaggaa   120
ctcaaagcag cagctttctg cagaggagtt ggacgcacag ctggatgctt acaatgcaag   180
gatggacacc agctaaacaa ctgagcaaat ccacacaagt aacaggaccc agaagcctcg   240
cctgtgatgc ctagagggag ggttggcaac tgaactgtgc agacaatggn ggatttggtt   300
tggttctttt tatttctttt cttttttttt ttnttcccgg tttaaaaaag gatntaaaaa   360
cncttntaaa ggnttttttt ttttttttttt tggggttggg gngggntttt ggtttttttt   420
ttaaaaaaaa aaa   433

<210> 212
<211> 100
<212> DNA
<213> Mus musculus

<400> 212
ctgatacatc tttagatggt ggaagatttc tctgagaagt gagtatcggt cagcaaaacc   60
tggagaaaca aaggaaagcc atgaacactt gctagataac   100

<210> 213
<211> 372
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(372)
<223> n = A,T,C or G

<400> 213
gtgacaggag gccatantga ctganttgtg ganctctcac aggtgctgca ggaggcntgn   60
ntggtgccnt actgnnaaa ctgnanaang gngnnggatg atcatctcac tgacaattta   120
gagacagaga aactgtgtga ctacttctcc acacacctgg gtgtctaccg gcccgtgctg   180
gctgcgctgg agtctctgaa ccgtgcggtg ctcactgcca tggacactac aaagctggga   240
ggagatgnag tctcccctnc cccancctga aacctgcttg ctcngggngg agctncctgc   300
tcattcgttc tgccncgccc actgttgtan cctgnngaat cacacncgtg cacctttcta   360
ctggaccaga aa   372

<210> 214
<211> 203
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(203)
<223> n = A,T,C or G

<400> 214
agaactgagg gttccaagac tgccctttgg gattcaaacg ggagccgctt tggactgact   60
ggctgccttc ctcctcctcc ccctcctccc ccttctgctt cagatttatt tattatatgt   120
aagtacactg tagcagttgt aggacacact agacgagggc accagatctc attgtgggtg   180
gttgngaacc acccactcat gtg   203

<210> 215
<211> 100
<212> DNA
<213> Mus musculus

```
<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 215
cactgagacc aactttaca agtctacctg ttcgagaaga aatgatggcg aaatactcaa      60
acctttcctt aaagagctgt natatctcag tgacggaaaa                          100


<210> 216
<211> 430
<212> DNA
<213> Mus musculus

<400> 216
agactgagta tccctggaac tgatgatgtc atccagccag ctgctcctgt tgacccggga      60
cacccaccct tagctgactc gtcccaccat ggtgacgctg tcagctcagt ctctacacat     120
ctgacagtcc agagcgcctc cccatctgct gcccgtgcaa gtcctgctcc tttggcccca     180
gaacatacag cctcggctcc ctccgcagcc ggtcctggag tagaagtcac ccccactgcc     240
tcccgagtgc tgggattgaa ggtgtgtacc accacacccg gcgagtctcc cttcttaac     300
cccatgagga taatccttcg ccaccatgat gtgctctcct aagtcatttt gggcactgtt     360
agctacgcac gcacgtcctc ttttcataga caaagaaact gagaacaaac aaggtacaaa     420
acaacaaaaa                                                           430


<210> 217
<211> 377
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(377)
<223> n = A,T,C or G

<400> 217
cactgagagg ctcacaggac acctgcacaa caaaggctgt ccccgtatgt aatcaacctg      60
gacccagctg tgcatgaagt ccccttcccc gccaatattg atatccgaga cacagtgaaa     120
tataaagaag tcatgaagca gtatccttt nctcatctgc tgcgagactg actcggtcat     180
ggcaaactgc tgncttaat tgntttggg gagnggcttt gcctgtcang nngngacaat     240
acaagnagaa aactcatgnc ctttaggna atnntattaa gaggataaga tgagggctgg     300
tganatggct caacaggtna gaacactgac tgctcttcca aaggtcctga gttcaaatcc     360
cagcaaccac atggtgg                                                   377


<210> 218
<211> 495
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 218
cactgaggcc aagttcacag tggagactga ccccacatgt gagtttattt tgcctcacca      60
gttcaggtca cagttcacgg tggccccatg gtgtccacag tcaggaagca aagagagatg     120
gatgcttgtg ctcaacccaa cctctccttt ttatccagcc ttggatcaca gcccacttca     180
tgatggagca acactgggtc atcacccaag tgccnnggca catgcagcca cccagttttg     240
gactttcagc ttctaggact gtatcccatg taagcctctt tataaattat ccagcctcaa     300
gtgctctgtt atagcaacag taaccaacta agaccccata actccagcaa ctaatactta     360
atgaataatt gctgacttaa tctctcatca cttggattct ataaaggtct ttggcaatca     420
tttcttatng gaanaaatat tnttnttccc aatttgggcc cccncctact ttggggnaag     480
ggggggttag aaggt                                                     495
```

<210> 219
<211> 230
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(230)
<223> n = A,T,C or G

<400> 219
gaaactcctg cctatttntg tgtctttgct cctgctcctt accccttatt tgtaaggccc   60
anccttgaag aattgcttga gggctggaga gatggctcag tggttaagag tactgactgc   120
acttccagag gtcctgcaac cacgtggtgg ctcacaacca tctgtaatgg gatccgaagc   180
ctcctggtgt gtctgaagag actgacagta aaactcacat aaaataaata   230

<210> 220
<211> 295
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

<400> 220
gactgagaga aaaaagcaga gatcgtgaaa gggaacggga gcgggaaaga gagagagaac   60
gagaacggga acgagaacga gagcgagaga gagaacggga gagagaacgg gaacgggaaa   120
gagagaaaga caagaaaaga gacagagaag aggatgaaga agatgcntnt gaacgaagaa   180
aactcgaacg aaaactgcga gagaaagagg ctgcttatca agagcgcctt aagaattggg   240
aaatcagaga acgaaagaaa actagggant ntgagaagga ggcagaaaaa aaaaa   295

<210> 221
<211> 229
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(229)
<223> n = A,T,C or G

<400> 221
aattgaggct tccaagactg ccctttggta ttcaaacggg agccgntttg gactgactgg   60
ctgccttcct cctcctcccc ctcctcccct ttctgcttca gatttatta ttatatgtaa   120
gtacactgta gcagttgtag dacacactan acgagggcac cagatctcat tgtgggtggt   180
tgggaaccac ccaccatgtg gttgctggga tttgaactca ggatcttca   229

<210> 222
<211> 127
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 222
gaaattcaat agcagtacag catttgcctt gcatgtgtca gnccttgtt tcaaactctg   60
gtaccagagt ttagatctgg ttttgataaa taaataaata aataaataan caacaaaata   120
taaaaaa   127

<210> 223
<211> 100
<212> DNA
<213> Mus musculus

<400> 223
gtccacttct tcaacagctt tttccataga cagctggtaa ccaaaggcta taatggagtt   60
aaaagatgga cgaagaagga aatctggaaa aagaagaaaa   100

<210> 224
<211> 195
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(195)
<223> n = A,T,C or G

<400> 224
ttaggaaaaa ggtcacagga actgaagggg atgaaaggag ctaccccaca tgaacaccaa   60
cagcagtgnc nactngcctg gacccctgaa tactcccaga ancaacaccc aaagaacata   120
catggactta ttcaaggcct gtggcacata tctagcaaan aacttgantn tccccagtgg   180
gagaggatgt gccca   195

<210> 225
<211> 316
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(316)
<223> n = A,T,C or G

<400> 225
ccaactgagg tcttgccccc tgctactctc ccaaaactac tgaactggac tgctggtatc   60
atccatggag tgtttgtgag tggactgagc tgctgctgct gacctgtgaa ctgaactgct   120
gatttctaac aatgcagata ggatttgctc caaaaaacca atttctaaac aggtacactt   180
cctccatatc ctttcttttc cactacctct ggtgggtggt tggctagaag ggaggttaaa   240
gcctttacta aaaagagggt tgagaaaaaa attaaagcct acancctttt attaaataaa   300
cttttgtaat gggtaa   316

<210> 226
<211> 227
<212> DNA
<213> Mus musculus

<400> 226
gaggactctc ctgttcttgc cacatttgac tgaagaagga caacggggtc aaggtttgag   60
gactgacagg taagtttttcc tggagattca aaactgtgct tttcaacaag cattggggct   120
caaagttctg tcagtttgag ggcagcctag tctacaaagc gagttccagg actgccagtg   180
gtctgttaca cagagaaacc tgtcttggaa aaccaaacca aaaaaaa   227

<210> 227
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

57

<400> 227

```
attcttgagt ttcttggggc cangaagatg acacgantag atctagacnc tggcctagcg      60
tgacctccan agtttggncc ttgcntaaag gagaaaatta atnccttcag ttgntctctg     120
acctccacat gcgtcctgta acatgggtgt atgcatacac ataaacacac atccacacgt     180
tg                                                                    182
```

<210> 228
<211> 140
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(140)
<223> n = A,T,C or G

<400> 228

```
gaagaatttt catcaacaaa catcattttn aaagaaattn anggcgaaaa tggggcattg      60
ggnnnccntg ggggaagggg gagactgana gaatgagaat gaatnatggc caaataaata     120
aataaataaa taaatoaaaa                                                 140
```

<210> 229
<211> 204
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(204)
<223> n = A,T,C or G

<400> 229

```
attatataca ggagtgcnta aattttgtct gttacagccn cggccattag aagctggggc      60
aaagcttttc tgcctactta actctgattt tatntatnng ttatatgtaa gtacactgta     120
gctgncttca gacactccag aagagggagt cagatctcat tacaagatgg ttgngagcca     180
ccatgtggtt gctgggattt gaac                                           204
```

<210> 230
<211> 235
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(235)
<223> n = A,T,C or G

<400> 230

```
actgaggcag ggcgtgagta ctcgcctgct gccaccactg cggaaaatgg gggtggcnag      60
aagaaacaga aagagaagga gctcgatgag ctgaanaagg aggttgccat ggatgaccac     120
aagctgtcct tggatgagct gggctggcaa ggaaaggttg gggtgtgctg gctgaaggag     180
agaaaggaga gaaaggagag aaaggaaaga aggaaggaga gaaagaaaga aagaa         235
```

<210> 231
<211> 141
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(141)
<223> n = A,T,C or G
```

<400> 231
gttgtggagg aggcagagaa tggaacgaga tgcacctgcc aatgggaacg ctcaaaatga   60
ggaaantggg gagcaggagg ctgacaatga ggtagatgaa gaagaggaag aaggtgggga   120
ggaagaggag gaggaggaat a   141

<210> 232
<211> 104
<212> DNA
<213> Mus musculus

<400> 232
tgaggaaaga ccgggaacga gatcgggata gagaggaccg atctaaagat cgtgaccgag   60
aacgtgatag aggagacaga gaacgggaga gggaaaaaaa aaaa   104

<210> 233
<211> 740
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(740)
<223> n = A,T,C or G

<400> 233
caggcttgac caagaacctg aagcctggtn aggatgactt ggannntgac ctgnaactgg   60
atcccatgct gncttttgaa cagagcaggn ggatggacct taatntggac ctagacttgg   120
acttggacca gncanagctg gaccctggat ctgagctgga ttctgagatc caagccaaac   180
ctgagctgga actagagtcg gagcttgaga cagatgccca gacagagcca gagacagagg   240
aagagccaga gctggagcca gagccagagc cagagccaga gacagagcca gagccagagc   300
cagagagaga gaggaagacc aggacaaggt ctcagagccc ctggcggaac tacttcactg   360
cttatcgctt tggttcttca aactcccagt ctagagctcc acctcagaca cgcccagaaa   420
agagaaagcc acataattac cccaattctc cctaaaacaa taaggatcct tggtaggtga   480
ctgcaaaatg caggctgagt atcttggcaa atcccttctg ccctacttgg catgacatct   540
agactgggta caaagccacc ggtcctggct ctgtgacccc ttcattgctg acttncttct   600
tattggattc ttgggatcac atgcccatca tatgcccang ctatgtgact tcaaggntgg   660
caantggctt ttggggtctg gcttcaggct ttgcanaatg natttttaac agatttcagt   720
gaaggcttcc tggacgtact   740

<210> 234
<211> 291
<212> DNA
<213> Mus musculus

<400> 234
ggttccctaa aatcagactc tgtcatcggc aagtggagac tgtaacacga ctgggaccct   60
cacatgccga taagcagtca agaatatttt ctgggagctg gagagatggg ctcagcagtt   120
aagaacactg actgctcttc cggaggtcct gtgttcaaat cccagcaacc acagggtaac   180
tcacaaccat ctgtaatgag atctgatgcc ctcttcgggt gtgtctgaag acagctacag   240
tgtccttaca tataataaat aaataaatct ttttttttaa agaataaaaa a   291

<210> 235
<211> 306
<212> DNA
<213> Mus musculus

<400> 235
agggagaaac tcactcgcca aacaacgtct cgtggtatcc tggctgactc tggccgcttc   60
agcagagcct ggctgttcct gctggattgt gctactgcta cagattcatg tttggtgttt   120
gctattgaac tgggctgctt atatcctgac acggaagagt ggaatcgccc aaagcaagta   180
cttctaatca ggtccacaac tccctttgcc tttaaccttg cttttttcct acctctggtt   240
ggtgggctaa aagggagggt taagaacccc aaataaagtc agttttgaaa aacctaaaaa   300
aaaaaa   306

<210> 236
<211> 600
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(600)
<223> n = A,T,C or G

<400> 236
acaatctgga gcaaaagatc ctgcaggtgt tgagcgatga cggcggccct gtgaagattg   60
gccagctggt gaagaaatgc caagtgccca agaaaaccct caatcaagtc ctttaccgcc   120
tgaagaagga ggacagagtg tcctccccag agcctgcaac atggagcata ggcggggctg   180
cttctggaga tggggctcct gcaatccctg agaactccag tgcccagcct agccttgatg   240
aaagaatatt aagattcctg gaagccaatg ggcctcacag ggccctgcac atcgccaagg   300
ctctgggaat gacgacagcc aaagaagtga acccactcct gtattccatg agaaataagc   360
accttctgag ctatgacgga cagacgtgga agatctacca ctcacgtcag gaaggccaag   420
acatagtctt gccatgtagc cctggatgtc ctagaactca ccatgtagac caagctggtc   480
ttgaacccac agagatcttc ttgcttctgc ctattaaatt ctgggattaa agcaccacta   540
cacctggaaa aatatctttt aaagncngta aaataaatga acaattaaag aatgcattct   600

<210> 237
<211> 266
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(266)
<223> n = A,T,C or G

<400> 237
gtggaactag actcttggac ttcccattta cagctgtcca ttgttgggac tagcggctca   60
ttcagcacca tggagagtgc caccatcagc cctcagcccc cacagtctga ctccctggag   120
gcctttcccc agaagagcat ggagcctgca gacatcgctg tcctagttct gtacttcctc   180
tttgttctgc ttgttggatt atggccacag tgaggaccaa acgaagacac agtgaaaggn   240
tacnttctgg cttggaaggg acatgg   266

<210> 238
<211> 459
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G

<400> 238
atctcagcgg ttctatagca cgctccagat gtcaaattaa acctcggtgt aagcggagat   60
ttcatcaaag aatctacagc tactacattt ctgagacaaa gaggctatgg ctggctttta   120
gaagttgaag atgaggatcc tgaagataac aagccacttt tgtatgtgaa agancatgta   180
atttgngtnt taagacctaa tntgnaggat gcttatgtnn nttttanaga cagatgaaga   240
aaatgtnagc ctttntggng aaaaatanta nagatgaaat cganaaaact tttggtgaaa   300
aacagagatg gctcancagn taagagngct tcctgctgtt tgagagagct tgngtttggt   360
ccagcactgt atcaggcaat gcagctgcct atagctccac atctgacttn gtacacttat   420
agaaacacat acacaaataa atctttttta aaagtaaaa   459

<210> 239
<211> 277
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(277)
<223> n = A,T,C or G

<400> 239
gagtgatcga agaggagcca tgatggntaa acttctttaa aagaaagaac gacaaactgg   60
ctttccttga tgcctttgaa cctgagtcca gaagacttag ggacaatgga tagctaaaat   120
ttatttatat ctgaagttgg gtggcagggt gcactccaga ggcagaggca gaggcagggg   180
gatctatctc cgagtctgag gtcagcctgg tctacagatc gagttccaag acagccaggg   240
ctacaaagaa aaatcctgcc tcaaaaaatg gaaaaaa   277

<210> 240
<211> 346
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(346)
<223> n = A,T,C or G

<400> 240
aactgaggaa ggtgacanat ctctggaaan ggngctacat atgattcnan gacaccatgn   60
ggatgctggn natgaaantg gggccctctg gaanaacann ggaagaacgg ccaatgctct   120
tagcagacga agcctctcca gcctnccctt cacaacccct agtgttatca agagactagc   180
aaaccttcan ggggtcttca actaaataat acaatgagtt ttgcctttaa agagcacact   240
gctgggctgg tgagatggct cagtgggtaa gagcaccgga ctgttcttcc gaaggtttga   300
agttcaaatc ccancancca catggnggct cacccccccc cccccc   346

<210> 241
<211> 282
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(282)
<223> n = A,T,C or G

<400> 241
ccactgagct taaacacaac tgaagtctgt ctgtctcaag tgtattaatg acgcctgccc   60
aangtggtgg gaaagtccgt gaaactgcaa tcgggggctg gtgtgatggc tcagtggtta   120
anagcaccga ctgctcttct gaaggtcctg agttcaaatc ccagcaaccg catggtggct   180
cacatccatc cgtaacaaaa tctgatgccc tcttctggag tgtctgaaga cagctacagt   240
gtacttacat ataataaata aataaatctt taaaaaaaaa aa   282

<210> 242
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 242
gatcactaga cgggagatgc tgccaagngc cccagacggg atcaagactg caatgacaac   60
cataagatnc cctaaagcta ggacactgca aaaaaaaaaa   100

<210> 243
<211> 398

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 243
```
ggtcctctga acaatctaca agaacaacta cagcngacac ctcagcgcag gaaaaccnta      60
atngntnnnn ccagcctttc aaaaccaaaa tntttaggtt ttacctttta gcatggtaca     120
ttactgngaa aacataacgg aatgcagaag aatacagctt ttagcttact ttggtgaaaa     180
aggattcaac cctgattttt gtaagaaata cccagatgtt tcttgtgaca attgctgtaa     240
aacaaaaggn aattacttaa gtggngatgc aggcctttaa tcccagcact tagaaggcag     300
angaaggtgg atctctgaaa tcaaggccag nctggtctac acagagagtt ccaagacagc     360
caaggctaca ttatgaaacc caatctcaaa aaaaaaaa                             398
```

<210> 244
<211> 457
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G

<400> 244
```
agctgctggt gcttgtgctg ttcccaagcc aaagggaagg agagtgcnag gaagaactag      60
tggtggagtc ccggtatctg caatatgaca agaaagcnaa naagggtccc cctggcctnt     120
ganaaagaac atcaaagatg gcttaacctc tgtagtggct attcctgggt gtcaacttga     180
ctatatttgg gaatgaacta caatccagaa ttggaaggct caccantgac cctaatctgg     240
aggctgggag atagaagtnt ctaanctgga tcttggtatg gagatcttga ggcatagtgg     300
ctatggattc cagaaantta agacagggag atctccgagt tcaaggtcat ctgggattaa     360
aggnatggng gcacataatc tgggctacac cttctgctgg agaccatata aggacattgg     420
aagaagggag nctcactctc gctcctttgc ctgcttg                              457
```

<210> 245
<211> 445
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(445)
<223> n = A,T,C or G

<400> 245
```
actgagattg ggacaaaaca cccatgggaa ggagttacag aggcaaagtt tggagctgag      60
acaaaaggat ggaccatcta gagactgcca tatccaaaga aattaaagat ctcagaagat     120
gcctctcaca gaagccagtt gtcatcctct gaactgctct aatgaaaagc aaggaccaaa     180
ggatggctga gggccaacag ccacggagaa aatcaatcct gtcattgcga gtgggtctgg     240
acgcaccctc ttctttccag tggagccaga ggtggcacca gcttgggcta agcctttgaa     300
tgtggacttg caaggactca gccaagttgt gtctagatta ccggccaaaa gacacctgta     360
agagttaagt tgggngttgg tagttgctca cttttggagn aatttattac tanttcatag     420
ataaccaata aagagtcttt tatcg                                          445
```

<210> 246
<211> 169
<212> DNA
<213> Mus musculus

<220>

<221> misc_feature
<222> (1)...(169)
<223> n = A,T,C or G

<400> 246
tgcggccata attgttccta ttgccaaacc aagttctgtg ctcgatgtgg aggncgagtg   60
tccttacnct caaacaagct attgtctatt ggcatcttta ttcaccattc anaattaact   120
tgggnatggg tcccaaaagc tatganccta ttccaaaact tgaaggcca   169

<210> 247
<211> 459
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G

<400> 247
tgaggtgatc cctgactaac agcgtcntca atgcntctgt cgcattcaag acatctgngg   60
ggtttctgnt cttttttaagt tttaacccnc tggnaggatg anggtttcgt cacacctgca   120
aacccgngcc gntcacggtt tctcaccgga gtggcttgnt ctagctctg gatctgtgac   180
tcatgcagaa acccaaatgg aatcatcttg cantagttga aagtgcttcc tctgaagata   240
ccaggttttc attgaggngg aagcaaggna cctgactctc aaggnnacan ngtgacccat   300
ttagaggcnt atgnntaatg tataccgnna atgctatnan gcctgtcgag atggcncanc   360
aatnaagagc actgactgct cttccagang tcctgagttn aattnccagn aaccacatag   420
tggctcacaa ccatctacaa tgtgatctga tgccctctt   459

<210> 248
<211> 225
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(225)
<223> n = A,T,C or G

<400> 248
ccgcccacca tgggagccct ggctgtnttg gagctcacag aaaaaccgcc aactntgncg   60
acccctactt aactctggtt aaaggtgtgc accaccatgc ccggctntnc acaganaatn   120
nttattctta gcatggtagg ctcttccttc tggatcattt tattcattnt actacacagn   180
anagntttta ctaaaagact ttttncccca tttaagaaaa aaaaa   225

<210> 249
<211> 385
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 249
actctcaaag agaaaaaggc tgtgctcacc aacntcctgn tgcgcctgcn gtcatccang   60
ggaggtagac aagagaacct ggagctttgg ggttaaattc ttttactgag gagggattaa   120
aagcacaaca ggggtggggg gtggnatggg gaaagnnnct caaggatgct gttcancatg   180
agccngacct ggatgtcnct catgatttgc gannttaant tactgcnntg acantnctca   240
cattgtgtcc tctaanaacc ggttaagccn ttgtananag ancagcacag ctggccatca   300
gagtcaccaa tcccaacgcc aggctacgca ncgaagaaaa tgagtagatg gcttgtgtgc   360
atgtttttat gtttaaataa aaatg   385

<210> 250
<211> 430
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(430)
<223> n = A,T,C or G

<400> 250
```
gagcctagca tggctgtctt ctgagaggtc taccagcagc tgactgagac agatgcacat      60
aattacggta cagataattg gactaaggtc aaggacccct attgaagagt taggaaaaag     120
gtcaaaggaa ctgaagggga tgaaaggagc taccccacat gaagaccaac agcagtgtca     180
actaacctgg acccctgaat actcccagaa acaacanggn nngaacatac atggacttat     240
tcaaggcctg tggcacatat ctagcagaga acttgagtat ccccagtggg agaggatgtg     300
cccagttctg tagagactat ataccaggta gatacctggg gaggtcaccc tctcagaggt     360
aaaatggagg gaagacagag tggggaattc tgggaggggg taatgggaga tggggcaata     420
tttgggatga                                                          430
```

<210> 251
<211> 351
<212> DNA
<213> Mus musculus

<400> 251
```
gactgagcgt tgttgcagcc agcacatgga agcaactcag gcgctcagga ggctgagagg      60
aggaagcagc gtggaggtgg ctgaggatgg agctcggtcg gtcggatgct tgcttcacag     120
acacaaaaca acccagggct gcagagatgg cccagtcttt aagaacattt ctgttcttcc     180
caaggacctg agtttggtgc cagaatccac agctggtggt ccgtaatagc ctgtaacttc     240
aacttcctgt cactccagct ccaggggatc caatgccctt tcctggcctt cctgagcacc     300
tgcatacaca tcacagacag acagacagac atataaataa aagtaaaaaa a            351
```

<210> 252
<211> 265
<212> DNA
<213> Mus musculus

<400> 252
```
aagaaagtct cgccaacaga tggaatgaaa tggaagagaa aatgtcaagt cttgaagaca      60
aagtagaaaa atggatcgat catccaaaga ctatgtgaac tataaattaa aaatctaggc     120
attcagggaa tctgggacag tatgaagaga ccaaatctat gaataattga tatagaggaa     180
ggagaagaaa ctcaagtgaa agccacagaa aatatctttt aacaaaaatc atagaataaa     240
aaatttcaaa tctaaagaaa aaaaa                                          265
```

<210> 253
<211> 147
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(147)
<223> n = A,T,C or G

<400> 253
```
agactgagga ggaattttct cagcaaacat catttaaaag gaaattaatg gcgaaaatgg      60
ggcattggga aaccatgggg gaggggggag actgagagaa tgagaatgaa taatggcaaa     120
ntaaataaat aaataaataa ataaaaa                                       147
```

<210> 254
<211> 498
<212> DNA

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(498)
<223> n = A,T,C or G

<400> 254
```
gactgagaat ggcctacctg ctcctgtccg gctggcgaat cttaccacnt ctgnntcttc      60
tcccagagac ctcccccant cagatcagaa gtcccacctt ccntttgctg cccagctacc     120
agacattaaa tccttattan gncagaagca taancagnac nnatagncnc antncaccct     180
catactcagc nntnngctgg aacagaanta acaantgaat aacacaatng gcnaccttca     240
agtagtgcnc cccaacacac atgacaaggg tgctttgagt aggtttggcc tccatagatt     300
catgtattnc agtgcttggc cataggaatg gcactagtag gaggtatggt cttattgaag     360
aaggggtagc tttgttgaag gaagtgtctc actgtgggga tcagctttga agactcttat     420
gctcaagcaa tgcagaagac agtcccctag ctgccgtcag atcaagatgt agaactctta     480
gctcctccag caccatgt                                                   498
```

<210> 255
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 255
```
tgtgggtctc cacggcacan ggctgagtgg ngctggacng ggnggngtgc tnagtccatg      60
tcaggacaca caggacactg gtgcagcttc attctagact gaatcaccaa agagcaagca     120
cngggctgga cctaggcccc ctgcatatat atagcatgat gagccacttg atcttcatgc     180
aggtctccca aacaactgga gnnggggctg tccctgagtc tgttgcctgc ttgtggatgc     240
tgcgcccta aatggacagn cttgtctggc ctgggtggga gaagatgtgc ctactnctcc     300
tgcagggact tgatgtgcag ggggcggggg tgggggagtg acatttgana tgggggcttc     360
cccttctgtt tgagaagggg gatgggggga                                      389
```

<210> 256
<211> 416
<212> DNA
<213> Mus musculus

<400> 256
```
gactgaggaa ggaaatgaag tgggctagtc ttgcgcaccg gactcgacca gcaagaacga      60
cgctgcaaca ggatccttct gcacacgttt attgggagag cttgattgca gaggcgaaaa     120
gaccctgagc ccagaactgg tgctgcttat ataggcctag gagaggcgtg tctcacaccc     180
ggattggtta tgcactatgc ctcatttgca tgttcctcat ctgattggct actctctctc     240
tctgtacctc acagagcctc gttatcatac ctcatttgca tgtctcacat ctgattggtt     300
atactctcaa agcctcatta tcatgcccgg gccaggcagt gtctttgcaa aaaactttac     360
tgcatatgta cacattggtt gttgtccaaa cttatgcgtg gggggcccca caaaat         416
```

<210> 257
<211> 305
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(305)
<223> n = A,T,C or G

<400> 257
```
ccatattaaa aatgcacatg gttaatcnga acaagggctg accattttga aggaccttta      60
```

```
tttccttgat gctcccggcc tttgtctcca ccgtctatcg tgctctcatc gaatggctga    120
gctctgtgtg cgtcacncag ggaattcacn tntcagcacc nacacagcan cttacanctg    180
cctgtaactc caggntcana ggacccaaca ttctcttctg gcctccgagg ncatctgcac    240
ccgtccncca ccccgncnnc atgcatagcc aagattaaaa taaanctttt tttctttttt    300
aaaat                                                                305
```

<210> 258
<211> 177
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 258
```
gagttgctgc aaacagctct cctggngcca agggatgctc atctcatatt tgaatcatcc     60
cgaccctcac tgagcagaca gctcccagag taacactgac tcagagagaa ggaattcgag    120
tcacccggga tatttaaaat attctagtag ccacgtagtt taacagaaag aaaaaaa      177
```

<210> 259
<211> 173
<212> DNA
<213> Mus musculus

<400> 259
```
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct     60
tcctcctcct ccccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac    120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tgg          173
```

<210> 260
<211> 311
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(311)
<223> n = A,T,C or G

<400> 260
```
agatctgtcc agaaggganca gggccaacct gcaaagaaga tcagaccaca cagccgtcta     60
gaagaacaga aaccagctga gctatctgga agagctttag accaactgag acactgagga    120
ggacactctc cagcctgttg agctgcctgc aggctgtgca gtgtgctaca agttcccagc    180
gttgtgagct gtcacccatg ctggggtggg cctccgggat gcagctgtct ttgagtcatt    240
tctgctccga taagtaaccc ctcacccata ttcttccaag taaccccaat aaaactcatg    300
gcttaccaag t                                                        311
```

<210> 261
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 261
```
agtctcgaaa ttcgataagg tatcttgcna tatattcaga actctccctc ctagtgacng     60
caatgaattc gacccagaag aagatgaacc taccctaaaa                         100
```

<210> 262
<211> 210
<212> DNA
<213> Mus musculus

<400> 262
aggtacctga gaggaccaga agatggtgtc agatcctcgg gagctggaat tgctggcagt   60
tgtgtgttgc ctgacatcat gagtactaga aagttaactc aggtatctat ctataagagc   120
agtaagtgct cttaaccact gagcagtgtc tctaacccaa catgatagat ctgtatatat   180
aaatacatat agataggaaa ttaaaaaaaa   210

<210> 263
<211> 247
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(247)
<223> n = A,T,C or G

<400> 263
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct   60
tcctcctcct cccctcctc cccttctgc ttcagattta tttattatat gtaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggntgctac   180
cnnntntcca tgccgaanga gggggatcac anatagatat agaggtgaaa ataaagatct   240
cagttac   247

<210> 264
<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 264
gatgtcccag gctccggaca acctgcaagc cagagacgct acagaaactg gaaccanacc   60
ctggtncnct tccagaaaga nngatngatc gaaagaatga aagaaagaat ggcaaaaatt   120
aagggtcacc cnggggggctc caagcctatg ag   152

<210> 265
<211> 176
<212> DNA
<213> Mus musculus

<400> 265
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct   60
tcctcctcct cccctcctc cccttctgc ttcagattta tttattatat gtaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttg   176

<210> 266
<211> 128
<212> DNA
<213> Mus musculus

<400> 266
tcagcaaaca tcatttaaaa ggaaattaat ggcgaaaatg gggcattggg aaaccatggg   60
ggagggggga gactgagaga atgagaatga ataatggcaa aataaataaa taaataaata   120
aataaaaa   128

```
<210> 267
<211> 426
<212> DNA
<213> Mus musculus

<400> 267
cccggaagca gaagagagaa gagattgaga agcggagctg caagttgtgt gtcaagcctt        60
ggccccacca tggactcctc cccgactctg ccccactgaa aacgtcacat ggttattta        120
gcaaatggac gttcaggtag accccctttc cagcccttat cccaggagcc cccacgagta       180
acatatgaga agcttctctg ttcctttctt aaaactaact tatggggctg gagagatggc       240
tcagcggtta agcgcactga ctgctcttcc gaaggtcccg agttcaaatc ccagcaacca       300
catggtggct cacaaccctc cataatgata cctgatgcca ttttatggag tgtctggagt       360
cagctacggt gtacttaaga aataataaat aaaacttagg ggggaaaaaa accctaactt       420
aaaaaa                                                                   426


<210> 268
<211> 379
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(379)
<223> n = A,T,C or G

<400> 268
ggctggagag atggctcagt ggttaanagc actgactgct cttccagagg tcctgagttc        60
aattcccagc aaccacatgg tggctcacaa ccatctgtaa tgggatctga tgccctcttc       120
tggtgtgtct gaagacagcg acagtgtact catataaata aaataaataa atatannta        180
aaagncnnan tnncatnctn nnannttnnt ggactcanct acagtttgcc tcccaaaatc       240
caggtcaac actgcaccac tgaactgtgt cccccagggt accatcacag agaatggcaa       300
aaaatgagcc cacatatgca tgccaacaga gtctgatatt ataggcttgn tgttttggaa      360
tcttaacccc ctggatctg                                                   379


<210> 269
<211> 390
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(390)
<223> n = A,T,C or G

<400> 269
gccctgcaca cagacaaatg tatacattct tggagaagac taccttcttc caggtgatga        60
ccggggtggg cacagccttc acctcacagg aaaggaatac ttgagtccca gtgacattgt       120
gaatatctcg aggggggcatg aggaccacgg gagctggaag acaaaggaac aaccctgtga     180
tggtttgcat atgctcagcc cagggcttta agacgctcct cctggctgcc tgaagttagt      240
attcccctag cagcctgcag atgaagatgt agaactctca gctcctcctg caccatgcct      300
gcctggatgc tgccatgctc ccaccttgat gataatggac tgaacctctg aacctgtgaa      360
caattaaatg ctgnccttat aagaaaaaaa                                        390


<210> 270
<211> 290
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(290)
<223> n = A,T,C or G
```

68

<400> 270
```
ccagcctgaa acctgctngc tcggcgngga ggcttcctgc tcattccttc tgncacgccg      60
actgntggaa cctgaggagc cacacacgtg cacctttcta ctggaccact anataatatc     120
ggcagggaaa tctgggttgc cctccccctt acttcataan tgggnagttt caacnataaa     180
atgaagagcc ttgatcagaa aggtaagana atgagggcca gntnaagatc gnnctgatcc     240
acggacacca agttattccg nggggagaca tggctagctt agccctgctg                290
```

<210> 271
<211> 355
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(355)
<223> n = A,T,C or G

<400> 271
```
cgagcctggg ctagaggcca tanattactt cttgaggaac tctnanangn cgagacaggg      60
aaggcaaaga acaaagaccc naaggaaann ctgcagnctg tttatgagtg tatagagaaa     120
acgtgtgaga aacttggaca gctcaatatt gatatttcca acatcaaagg tatttttatt     180
gagaattttc ctctatagtc cagctctgcc aatcccattc atgaattcat tctttcagct     240
tataataatt gagtctttat aagctgcaag ccttttttggt ttttgtttgt ttgtttgttt     300
gtttgttggt gagactttgt gggaagaaca ataaacaaga ttctcagttc ccgtt          355
```

<210> 272
<211> 234
<212> DNA
<213> Mus musculus

<400> 272
```
agccaggctg gatgaagaaa acttgaagaa gattttccgg gaggttcaga taatgaagat      60
gctttgccat ccacacatca tcagactcta ccagaggtcc tgagttcaag tcccagcaac     120
catacaatgg ctcacaacca tctgtaatgg aatctgatgc cctcttctgc tgtgtgtgaa     180
gacacctaca gttactcata tatataaaat aaatattctt ttaaagaaaa aaaa          234
```

<210> 273
<211> 283
<212> DNA
<213> Mus musculus

<400> 273
```
cctggcccctt cagaagtggc gccccgactt gtgcagcaag gtggcccaga tccatggcat      60
tggaggagat gtagtctccc ctcccccagc ctgaaacctg cttgctcggg gtggagcttc     120
ctgctcattc gttctaccac gcccactgct ggaacctgag gagccacaca cgtgcacctt     180
tctactggac cagagattat tcggcgggaa tcgggtcccc tcccccttcc ttcataacta     240
gtgtcgcaac aataaaattt gagccttgat cagaaaaaaa aaa                     283
```

<210> 274
<211> 249
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(249)
<223> n = A,T,C or G

<400> 274
```
gaggcaccct aggatacatt tccacacagg ccttgtggat gcccatctct actgcctgaa      60
gaagnacgnt gtggatttnt taatggagaa tagcagaaca gncttcctaa atgaccancn     120
ncaccttana ncncanttcg caganactat ccccagctgg cnnaagncac gcctctggta     180
gagcacaagg aggatcaaat ccccaaacct gggattaaaa tgaangcaca ttcttatatt     240
```

69

```
aaaaaagaa                                                              249

<210> 275
<211> 410
<212> DNA
<213> Mus musculus

<400> 275
actgaggtcc tactctcgct ctcccagcta ttcgtccaag tctggcaaag aggagcccac    60
ctagcagaag ctccaggtct cgtcgaagtc ccagctactc tcgctacagc cccagcaggg   120
aacgggacct aaagtatggt gagaaagaac cacagccccg agaacgtgcg cgcaggaggc   180
gacggtccta ctcacccatg aggaagcgca ggagagactc cccaagccac ctggaggctc   240
ggaggataac cagtgcccgc aaacgcccca tcccctacta ccgacccagc ccctcctcgt   300
ccagcagcct cagcagcgcc tcctcctggt acagcagcag cagcagcagc agcagcagta   360
gcagccgctc ccctagccgc agtactcccc ggagccggag tccctggcct               410

<210> 276
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 276
ccaattgagg ccgacttggg ttgaggtaga gctcnggggca tgaggccata attacntgtt    60
gtggaactct aannggtcgg acaggaagaa tcnatgcntt aaanaaagac atcnctncat   120
tgtgatttgt tcctgcccca ccctaactga tcaatcgacc ttgngacatt ccttccctgg   180
acaatgagtc tcatgatctc cccaccctgc accttgtgac ctccacttct gcccaaaaga   240
gataaccacg tttaactgtg cttttccact gcctacccaa atcctataaa actgccccgc   300
ccctattctc cctttgctga ctccttttttc gtactcagcc cgcctgcacc caggtgatta   360
aaaagcttta ttgctcacac aaaaaaaaa                                      389

<210> 277
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 277
tggtgggccc acctancacg cgtgcaaaan gctccncggg tgctcaactt nttctagtcc    60
caactgcgta cgtgcgaccc acggaggcaa taaatatcca                          100

<210> 278
<211> 422
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(422)
<223> n = A,T,C or G

<400> 278
actgaggctc attctccacn aagtgctcac cngtctttgc gnggggatgag agancacagc    60
gcngngnang ctnagagatt nttcatccnt cctcggaagt gctngancan catnttcagc   120
ttgtcttcct gcttgaccac gataagctac aggcagaagg cagatggtaa ggaagggcaa   180
```

```
atggtaagga agaacgcata cacgcgtatg ctccctcccc agcttccttc ctgatgacct    240
gacaagaaat ccaggactca gagcagggct actgcgctga gcataagagt acttgtctgg    300
agctggagag atgatggctc aatgggtaag agcactgact gctcttccga aggtcctgag    360
ttcaaatcct aacaaccaca tggnggctca ccaccatcct taatgaaaac tgatgccctc    420
tt                                                                   422


<210> 279
<211> 303
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 279
aggttgtctc ggagcaaagc tcagatacga ccctggaatt gatttacaga attgccagct     60
gcccaacatg gattcttgga accanacctt tagaattcaa caaacaaacn acccaggggg    120
ctggagagat ggctcagcac tcaagagcac tgactgctgc tcttccagag gtcctgagtt    180
caattcccag caaccacatg gtggttcaca accatctgta atgagttcca atgccctctt    240
ctggtgtgtc tgaagacagc gacataaaat gaataaatct ttttaaaaac ccaaaaaaaa    300
aaa                                                                  303


<210> 280
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 280
caagactgcc ctttgggatt caaacgggag ccgctttgga ctgactggct gccttcctcc     60
tcctcccct cctcccccttt ctgcttcaga tttatttatt atatgtaagt acactgtagc    120
agttgtagga cacactagac gagggcacca gatctcattg tggggcgct tctggataga    180
ggctgtggca gaagtttgac gggcccttnn tttgcttgca agggatggga tgtgggct      238


<210> 281
<211> 339
<212> DNA
<213> Mus musculus

<400> 281
ggcactccag ttaagagatt acctcaaatc tgaaataagg ctttggactt gtgaacagta     60
ttggaattgt tgaagaatat ggggactttt gaagttgtcc tggacatatg tttgcattat    120
aagatgacaa tgaaggctgc caggaaaact cagaaagtat tgtattacct tttgacttga    180
gttcaatccc caaagccaaa gtgtggaagg agagagctga ttcctgcaac ttcttctgac    240
ttctatagca ctcacatata tcgggcacat gcatgagtat gcacacacac acacacacac    300
acacacagat cgaaaatagt tgtaataaaa aaaattaaa                           339


<210> 282
<211> 427
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(427)
<223> n = A,T,C or G
```

<400> 282

```
gagcctctgg tgggcagtca caagcccacg gattccacca gtgaccccag gcctgctcac      60
atgagtgacg cgttcctccc catggccagc agcagagcgg actgaatgct gggtgacagg     120
ctggcctcag actccggtgc tcaaggatat tcttgcttca ggttcccaaa tagcactgca     180
cactgcacac gtgaatcccc atgcctgatg gtggatnnct gagttngagg ccannctggn     240
ntacanagtg agttccagga canncngngc tacacanatn aaccctatct tgaanaacac     300
attaacaaaa ctgacaaata aatgttatcc tttttaacag gtaatagaga atggccccan     360
ggggaccctg naaaagggac ttntaatcca tcaacatgga gcttgagtct tcttgggaag     420
aaaaaaa                                                               427
```

<210> 283
<211> 327
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(327)
<223> n = A,T,C or G

<400> 283

```
ctgaggggac tggagagctg aaggagcgcc agcttctcca gaattggact tctcagaacc      60
tttaatatgc taatgtgcat tgtgaatctc caagatgggg atatgatatg cagcattctt     120
gaatacttct aatgacaggg agcccactac ctcataagta aacccagaca aacagagata     180
atttaacaga aaagaaacat atatcggggg ctggagagat ggctcagcan ttaagagcac     240
tgactgctct tccanaggtc ctgagttcaa ttcccagcaa ctgcatggtg actcacagcc     300
atctacaatg tgatctgatg ccctctt                                         327
```

<210> 284
<211> 386
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

<400> 284

```
agactgaggt atctgagcgt nngagtcaan ctggattggc aatngggtta gcatggactc      60
ccttgggtgg cannatnatg tttggggaan cangnttaat ggncggtgaa ngccaactan     120
cactgaccgg ncannttggg gacgtnntga aggantctgn ccatctnanc ntnagntgcn     180
ttgaaagcna tgcaaacaaa taccacctga ctaatgcttt tggaagtttt gatcttnttg     240
acaacacaga catcgtgaga tgccaggact tgnaaggnga angngngtnt cactcctggg     300
ccactgccaa ggcttangca tgaaaacttg acatgcggga ctggagagat ggcttantgg     360
ttaanagcac ttgctactct tgcaga                                          386
```

<210> 285
<211> 448
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

<400> 285

```
gactgagctt ccctgggccc ccgagatggc tgctcttctg ggcgtcccct cccctggccg      60
gggccgagga cactgctgct gcgcaagagt cttcaggatg gctttggttt caccctgcgc     120
cacttcatcg tgtacccacc cgagtcggcc gtgcactgca tcctgaagga ggaagagaat     180
ggaggccgag gaggaagagg aggaggagga ggaccctccc cacggcaccg cctggagccc     240
atggacacca tctttgtgaa gaatgtgaag gaatgtggcc ccgcccacag ggcggggctt     300
```

72

```
cgcacaggag accggctggt gaaggtgaat ggggagagca tcattgggaa gacctactcc      360
caggtcatag gtctgatcca aaaaaagnga cnacacccttt ggactntnta ttatgcccaa      420
ggacgaagga catcctccag ctggccta                                         448


<210> 286
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 286
ccctcaaagc tcttgctcgc tctgngatga agattgggcg gatngaggat gtcacccccca      60
ttccctctga tagcactcga anaaaagggg gtcgtcgcgg                            100


<210> 287
<211> 268
<212> DNA
<213> Mus musculus

<400> 287
gcttaagttt aaaacactga ggagttggca tccattggaa gaccttgaga tcctctcagc      60
tcagaactcc aggaccgatg catcttccca ccaccttgaa gcactgaaac aacaagaaaa      120
gccgggcgtg gtggcgcacg cctttcatcc cagccatcgg gaggcagagg caggcggatt      180
tctgagttcg aggccagcct ggtctacaaa gtgagttcca ggacagccag ggctacacag      240
agaaaccctg tcttgaaaaa ccaaaaaa                                        268


<210> 288
<211> 239
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(239)
<223> n = A,T,C or G

<400> 288
agaactgaag cccctacgat acatttncca caggccttgt ggatgcccat ctntactgcc      60
tgaanaagta cgtngtggat ttcttaatgg agaatagnga acaggcttcc tacatgaccc      120
cancaccttta cancacattn gnaganacta tcccnagctg gcataagtca cgccnctgct      180
tgagcacaag gcaagatcaa atccccaaac ctgggattaa aatgaaagca cattcttat      239


<210> 289
<211> 219
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 289
tacgacactc aaaccttggg ggttgcggnc tttggcnggn ttatggttga nnctgccntc      60
nncntcttnc tgntgtcanc attctccatg aaggagacgc cctctgaaaa aacccttgcc      120
auccagcgca aggagatggc gaaaactcac caccagaaag gagagaagaa aaagaaggag      180
aaaaccgtgg agaagaaagg aaagaccaag aaaaaaaaa                            219


<210> 290
```

73

<211> 312
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(312)
<223> n = A,T,C or G

<400> 290
gaccatgaca tgagcagacn gtcggacagc tactaataac acctctgatg gaacgctttt   60
tgcaggatgt tctgcgacac cacccatata attaccaaga caacagatct gcaccaaatg   120
agccagaggc ggcggcagca gcggcagcag cagcagatcc tggatcacct gaagtggtgg   180
tggttttgga tgattctgat gagaaggagg atgatactgc agatagcggt gcagagagga   240
actccgagga ttcaggatct gttgaagaga tagattatag acctggtact tctcaggaac   300
acgcagaagt tt   312

<210> 291
<211> 208
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(208)
<223> n = A,T,C or G

<400> 291
cgtcctggga gagagatcgc anaangagcc cgctcaagat ctcccacccg aagacgctcc   60
aggtctccaa gacgacatag atccacatct ccctcccctt ctcgactgaa agaaagaaga   120
gatgaggaaa agaaagaaac taaagaaata aagaacaaag ancggnggat cactgnggaa   180
gacctggagg gtaaaacaga gggcaccg   208

<210> 292
<211> 337
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 292
acaatctctc tccttaagga acttaatcac cctaatatcg gggggctgct ggatgtcatc   60
cacacagaaa ataagcttta tctggttttt gaatttctgc accaggacct caagaaattc   120
atggatgcct ctgctctcac gggcattcct cttcccctca tcaagggctg acaagatagc   180
tcagcaggta aaagagcctg gctncaagcc tgatgacctg atggcctgaa ctccacccc   240
aggttccaca caagaagaac acggnacttc tgcaaattgn cctctgactt ccacacatgc   300
actgtggcat gccctgccc gctctaaata caagaaa   337

<210> 293
<211> 417
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(417)
<223> n = A,T,C or G

<400> 293
actgaggtct gccctgctgc tgattcgtgt ttgctatccc agcactactg aactggactg   60

```
ctggtatatc gtggngtagc tgcaagtgga ttgagctgct gctgctgctg acctgtgaac    120
tgaacggctg atttcctgac aatgcagatt ggatttgctc caaagaacaa tttctaaaca    180
ggtctatttc ccctgtctcc caataacctt tcttttctac tacctctggt gggtgttggg    240
ttagaaggaa ggtcaaagca tttaagaaca attattaaaa ttagggctgg gaaaaatgta    300
agcatataca caatgcactg tggcatatat ggtcatgtga cacacatata catgtaataa    360
tcatgtgaca cacatataca tgtaataagt gaatatgntt tttttaatt aaaacag       417


<210> 294
<211> 190
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(190)
<223> n = A,T,C or G

<400> 294
tgatacacac aggcctntga ggaaattnta atatgttctg gaagctctaa agaaaagcaa     60
gagtgcctgg cagtggtgga ggacaccttt aatcccagca cttgggagga agaagcaggc    120
agatttctga gttcaagacc agcctggtct acagagtgag ttccaggaca gccagtctca    180
aaaaaaaaaa                                                           190


<210> 295
<211> 464
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(464)
<223> n = A,T,C or G

<400> 295
aaccctagat tcacggacat gccggaggag ttcaacatgg ncacacacga ctgtcacaga     60
cggcagattc tgaacctaca tcgtgagcgg aagatgtagc ctttctacag gacgcatcga    120
gatgcaaggc aataccgtgt catagaatgt cgtaccaccc aggacgaggg tgtccccggg    180
gccgaggagg acacggagcc agaccttcag caccagcttt cagaccccaa aacctgcgac    240
ttcttcatcc ccaacagccg cctgcgcagt atcaatatga gcctccgagc gccccctctt    300
cctcctactc gaactctcag gcccccagca ctcaggaggc agaggcataa agatctcctg    360
agtttaaggc caggtctaca gagtgaggtc caggatagcc agagccacgc ggtgaaaccc    420
tgtctcaaaa agaaccaaat taaaccaaat caaaccaaaa aaaa                     464


<210> 296
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 296
ctcttgtggc ctctctggac acagtatgcg catagtgcag agaaatacan cctgaaagct     60
ggncnnggtg gctgtatgcc tttaatccca gcacttgnga ggcagangca ggcagatttg    120
ngagttcang gncnncctgg tctacaaagt gagttccagg acagccagng ctatacngan    180
aaacctgtg tcgaaanccaa gcatacatan nancgannga cnagaanaca gnttcaggat    240
tcttacntat aataantaaa tcttttnttc aaggatggaa ctccaccctt tacttgggtn    300
taagtatgta tggaatgttn tgataggaca tannaatagn ggncagatgt ggaaatggna    360
gggagacaaa tatacatgtg aaataaact                                      389


<210> 297
```

<210> 609
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(609)
<223> n = A,T,C or G

<400> 297
gagccttgct gacccaggct gnaacatcac tgaaaagttc caccccaaca tgatttacaa   60
ctntgaatgc ctgcgngngt ngnggcccct gnacagtacc gngcagncag cctacaccac   120
tcaatgnaag agtcctctcc tccattgctg gnccctgatc acatggctta aagctaatat   180
tnacctttgn ttcctacgcc aaccaaaggn gaatnccaca tctntgntca catcngggnn   240
nctactgaaa actgancctt caagcttact gaccgnaaag gatgacttat cggatatatg   300
aggaagacac attctgnntg agctctgcnt gcctcttcct tgtgtaactg gttcttnttg   360
aatatcattg natggagacg ccnccatgag cattcttcaa cttccagaca gggtttcctt   420
gannagctct agctatcctg gaactatatn tgtagnccaa ggaagcctcn aacccacagn   480
gatctgnccg cctctgcttt ctgacatgct aggaataaag acacatgcca ccactaccac   540
tcancactca aataatatat ccttcttccc cctgtaattc ctttccaact cccctcccat   600
ctgaatctt   609

<210> 298
<211> 407
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 298
tgagtgttag gagaattcat gcatccctgt gaagatgaca tcgtgtgtaa atgtaccacc   60
gaggagaaca aggtgcccta cttcaacgcc cctgtttact tagaaaacaa agagcaagtc   120
gggaaagtgg atgagatatt tggacagctt aaagattttt atttttcagt taagttgtca   180
gaaaacatga aggcatcttc ctttaaaaag ctacagaagt tctatataga cccatacaag   240
ctgctgccgc tgcagaggtt tctgcctcgt cctcctggng agaaaggacc tcccagaggt   300
ggcggcggng gcggcagggg aggtcgagga ggaggaagag gaggcggtgg ccgaggtggt   360
ggaagaggtg gtggtttag aggaggcaga ggaggaggtg ggggctt   407

<210> 299
<211> 330
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(330)
<223> n = A,T,C or G

<400> 299
acatgacctt gcaagttccn taggnggggg gccattatca tnatggcatt aantgcacag   60
naggatccag gcgggcatag ctgctggana ngctgagagt tcnatatctt gctctgaagg   120
ccaacannag atgtcttccg ntcaactagg nggagggnct ctggangccc ncccncacan   180
tgacatactt ccttcaacaa ggccacacct tccancagga gccncctcat tggcggagca   240
tantcaaacc accacaagaa gtcagactcc caccnanggg atgaggcata agcctctata   300
actgcatgag aaataaaaga cagaggccgg   330

<210> 300
<211> 356
<212> DNA
<213> Mus musculus

76

<220>
<221> misc_feature
<222> (1)...(356)
<223> n = A,T,C or G

<400> 300
ttgcctcctc actttcctgg gcattcctnc gagatctcct gcctctcaac cttngctagt   60
gctattctct gtgcctggga cgataccttt gactcatctt cgactgacct aatggagaga   120
gcttgggctt tggaggcaga gagacctggg ttcggatttt ggcttcacag cttattattt   180
ggacaagtcc tttggaaaag tatttaacat tctggagccc cagcttccta acctgtaaaa   240
atggagatga taacacctac cttgcagggt tgttgtaagg attaactgaa attatatatg   300
tatctaatgc aattaacata tagtcaataa atgacacgtc gctgtaaaaa aaaaaa   356

<210> 301
<211> 323
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(323)
<223> n = A,T,C or G

<400> 301
tgccaggccc actgctggan cctgtggagc cacacactgn gcaccttttt actggnccan   60
agattattng gccgggaatn tgggtcccct cnccnttcct tgataactgn nngnnagnag   120
cagnanaant ggagntttga tcacgaagan gatnangaaa gaggtatnca catggccctt   180
aggctaaagt cacacagcca gctcttgctg gctgtcaaag gctcttgatt ttctctcaga   240
gcattttatt tcactttgat ttgggggaaa caaaagtgga ggtacaatca atccttgctg   300
attgtgaagg tcaaaaaaaa aaa   323

<210> 302
<211> 317
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

<400> 302
gactgagtat tactgcgact atcaaaagta ggntgttgac atgggagaca cccgggcggg   60
caccaaggct ggattncatc acggcatgga atgagcctca ccaaggcttt tgaaaatgtc   120
cttccgnnct ggagagatgg ctcannggtt aagataaaca ccaacaactt ttccagaggt   180
cctganttca aatcccanta accacatggn ggctcacaac catntgnaat agggtctgat   240
gccttcttct ggtgtgtctg aagagagcaa tggtgtactc atatacatta aataaataaa   300
tcatttaaaa aaaagaa   317

<210> 303
<211> 175
<212> DNA
<213> Mus musculus

<400> 303
gtagtagctg gcaaccctgt ggaccttggc gacctaatgc taacagctct gacagactag   60
tgctaacaac ttagcaacaa agcatcaaga agcctggggt ggcaggggat gggcctcccc   120
cctttataag agcagactct tagtaaactt tgggccatga ttggaaaaaa aaaaa   175

<210> 304
<211> 261
<212> DNA
<213> Mus musculus

```
<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G

<400> 304
cttcttgtgg aaatctgaan ncacggacgg gnaacactgc ctggtctcca tancaggaac      60
tacagccagg tcctctgaaa gagcagccag tgctcttaac ccccaagcca tctctccagc     120
ctgagagtgc gtgttcttat catgagaaga caaacagcag tggagttggc aagctgcctc     180
agtgggtaaa ggtacttgct gcaaggcttg cagcctgatt tcgattccca gaacccagag     240
aatagaagtc cgaaaaccaa c                                               261


<210> 305
<211> 322
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

<400> 305
tccttctctt aggaggctng cttcactggg gcccccctnag nnagggngtt gaaaccctct     60
gnacccatt atttcntttn ncatncnctt tnatgcttct nttcggaaca gtcagcggna     120
gtngaaacct tnttccattn ggtcctcgtg gcaanggcag agattgctcc agcagctcca     180
cacagtatgc aagacatctt ttataattnt tgnttttttga aatggggnct cactgnatag     240
ctttggctta cctgtaacat tctcttgctt ttacctcctg agtgctggga taaaaggcat     300
gnaccaccta tactcaagaa ta                                             322


<210> 306
<211> 201
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

<400> 306
actgagggca ggtgagatgg ctcagcannt ataacagntt gttgcacaag cctcaggacc     60
tgagttcaat cccagaacc catggaaaag atggaaggag agagctgact tgacaaaact     120
gtcttctgac cactgtacac ggactggagc cacggactgc attgtacagg aaaataataa     180
caatttgtat gaaaaaaaaa a                                               201


<210> 307
<211> 200
<212> DNA
<213> Mus musculus

<400> 307
gttggatctc ctggaaacat gaatcacaga aaggtgtgag ctgccattcg ggtcccagga     60
actacagcca ggtcctctga aagagcagcc agtgctctta acccccaagc catctctcca     120
gcctgagagt gcgtgttctt atcatgagaa gacaaacagc agtggagttg gcaagctgcc     180
tcagtgggta aaggtacttg                                                200


<210> 308
<211> 247
<212> DNA
<213> Mus musculus

<400> 308
```

78

```
gactgagaat gttggcttcc agagcgctga gcctgattgg caaagagagc catttctact     60
tcggtgtgcc ttcgagcaca tggtgagcag gactttcact cccttccctg ccctttcctt    120
tctcctccct ttggtttttc atgacaggt ttctctgcat ggctctggct gccttggagc     180
gcagagactt aacctgcctc tgactcccat gttctgggat taaagatgtg caccgcaaaa    240
aaaaaaa                                                              247


<210> 309
<211> 185
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(185)
<223> n = A,T,C or G

<400> 309
agtttaactc tctggagacc ttcttgcaac aggagacaaa ggtggcagag ttgttatttt     60
ccagcgggaa caagagcacc cacatggcgg ctcacaacca tgagatctga cgctcttctg    120
gtgtgtctga anacagctac agngtactta catataataa taaataaatg tttaaaaaat    180
aaaaa                                                                185


<210> 310
<211> 183
<212> DNA
<213> Mus musculus

<400> 310
ggacggtgtg gaaaacaaga acagagagat atgccaagga atgctgacca taatcagaag     60
ctaaaagagg caaagaacag tctctctcct agagcctcca gaggggcctc aatatcttga    120
ttgcagactt ctgggctcca aaattttgag aagaataaat tcctcttgtt ttaaaaaaaa    180
aaa                                                                  183


<210> 311
<211> 601
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(601)
<223> n = A,T,C or G

<400> 311
actgagggag gagtacgtag tatcccntct ccntggtcng ctacctnntt gataggaant     60
ggnnntgann gntgattnca cctgncncnc tnantggggn aacctgngga gccanncacn    120
tgcnnctttc tactgnacca gagattattn ggnggnaatc gngtcccctc ccccttcctt    180
nataantgan gnagcancaa tnaaatttga gccttganca gaagntaaaa naacacttgn    240
tgctgangag ggactgtnnt ccantgaatg ccnangtcac agagtttaga aatgcgactt    300
tcagctcatt ccttccattg ttggacaagg atcccctgcc ccaggacttc tctgtgaaga    360
tggctccact cttcaaggac ttcatgacca cctataaccg gacttatgaa tcaagggaag    420
aagcccagng gcgattgact gtctttgcaa gaaatatgat acgagcacag aagattcagg    480
ccctggaccg cggcacagct cagtatggga tcaccaagnt cagtgacctc acagaggagg    540
aattccacac catctacctg aatcccctct tacagangga gtctggcagg aagatgagtc    600
c                                                                    601


<210> 312
<211> 322
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
```

<222> (1)...(322)
<223> n = A,T,C or G

<400> 312
cagtgtggac ttcccacgca ctgcngatgg tgacctgnct ggcnctgtgc acnctnaact   60
gcnggaccat nactttnagc cantgaggcc tggngaaccc atnttcaagc ttttcancgg   120
agaaanacgtn ctgtatgang gggactccat tgngtaccct gtgtgnatta ntgaggcnag   180
ccantnnnga acatncctcc atggcctntg catcagctcc tgctccctga cctgcttgag   240
ttccagtcct gacttccttt ggtgatgaac agcagcatgg aagtgtaagc cgaataaacc   300
cttttcctccc caaaaaaaaa aa   322

<210> 313
<211> 289
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

<400> 313
gagcctttgt tctctaggct caaggtgctc cagtgagtga dacaagcgag cgaaaaagca   60
gctccagaag gcctactcaa gaaaagaaga cctgggctgg tgagatggct cagtgggtaa   120
gagcacccga ctgctcttcc gaaggtccga agttcaaatc ccagcaacca catggnggct   180
cacaaccacc cataatgcga tctgatgccc tcttctggta gctctcttca cacagtgtac   240
ttacatataa taaataaata aataaataaa taaatcttaa aaaaaaaaa   289

<210> 314
<211> 313
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(313)
<223> n = A,T,C or G

<400> 314
gcagaggcct ggctgtctct gttggtacgn gccactgctg ctgattcctg tctgctgtcc   60
tgactctatg gacctggact gctggtgtac ccatgaagtg tttgtgagta gacggagctg   120
ccactgctga cctctaaacg aaactgccga ttttccagaca acacaaatgg gagttgctcc   180
aaagaacctt tctaaacagg tccacttgcc ccatatcctt tctttgccac tacctctggt   240
agatggtggg ctaaaagatg ttaaaacatt taagaaccat cattaaaaat agatttaaaa   300
taattaaaat gac   313

<210> 315
<211> 441
<212> DNA
<213> Mus musculus

<400> 315
atggagcaac tatccgatga agagattgac catggtgctg acaaggaaga tcaggacctg   60
gataaaatgt ttggggcctg gcttggagaa tccagctcca gcattaaatc cggatccagt   120
tcttccagta tcccggagtc tcagtcaaac cactctaatc agtctgacag cggagtgtct   180
gacaccctgc caactggaca tatccgttcc caaagtaccg tgagctccat cttctcggaa   240
gcctggaagc gaggcactca gctggaagag tccagcaaga ggaccagagt tcaattccca   300
gcaccctcgt cgggcaactc aaaaaccacct ataactccag ctccaaagga tccaatgtcc   360
tcttctggcc tccaaggcac ctgaacatgt gtggcataca tacacttaaa taaataaaag   420
tagattttta aagaaaaaaa a   441

<210> 316
<211> 294

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 316
gctgccatgg cgtcacgcat cgggctgcgc atgcagctca tgcgggagca ggcccagcag   60
gaggagcagc tgagagcgca tgcagcagca ggctgtcatg cattatatgc aacagcagca   120
gcagcagcag cagcagctgg gtgggccccc cacccagcc ntcaccnccc ctgtacaccc   180
cnanacntnc ctntntgngc ctntnggctt ctctgtgctn ngtgacccccc aaatgatggg   240
aaacagtttt cttgtttaaa gaacagtaaa gccattctat atacaaaaaa aggg   294

<210> 317
<211> 219
<212> DNA
<213> Mus musculus

<400> 317
cccaagtcct gccttcatgc caccatgctc cccactatga taagtggact acacctatga   60
aaatgtgagc aagccccagt aaaatgtctt ctttggttgt ggctcataat catctgtaat   120
gggatatgat ggactcttct ggtgtgtctg gggacagcaa caatgtactc atacaatcaa   180
tcaatcaatc aatcaataaa taaataaatg cagattcag   219

<210> 318
<211> 449
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(449)
<223> n = A,T,C or G

<400> 318
aactgggaaa cgtaggtctg aatggagatg ggctgcagac cgagcagcta ttgtcagccc   60
gctggaactg gcttcaggcc catgtttctg acttggaata tcgaattcgt cagcaaacag   120
atatttacaa acagatacgt gctaataaga tatttgtgct tggaatatag cctggatcat   180
ctgcaagagc agtaattgca cttaaccccct gagccgtctc tccacactgc atgctgtgtt   240
ttaaactgtt agtatggggc tggtgaggta atttagtggg ttagcgtgct tgctgccaac   300
caagcatgat gacccaaatt gaatcttcag gacttccatg ggtggaaagt gactcatgtg   360
agttgncctc tggtgtactt atangcatgg ggcgtgcaca tgccnacata aataaaggga   420
aaataaaatt taatctttc ctatcttac   449

<210> 319
<211> 424
<212> DNA
<213> Mus musculus

<400> 319
tgaatcgacc agttttgaga ggagaagatg gggacaaagc ggctcctcct cctatgtcac   60
gcacagctgt ctgggattcc tatgccacca ccacctatgg gacttccccc tctacagcct   120
cctccaccac ctccaccacc tccaccaggc cttggccttg gctttcctat ggctcaccca   180
ccaaatctgg ggccccacc acctcttcga gtgggtgagc ctgtggcgct gtcagaagaa   240
gaacggctga agctggcaca gcagcaggca gctttgctga tgcagcaaga ggagcgtgcc   300
aagcaggcag ctgtgttaat ggagcaggaa cggcagcagg agatcgccaa gatgggcact   360
gcagtccctc ggccgcctca ggatatgggg cagctgggtg tccgtactcc tctggggcct   420
cgcg   424

<210> 320
<211> 558

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(558)
<223> n = A,T,C or G

<400> 320
tgagcatctt gccaaagtcc aggcactccc tacacccagg gacagctcca gagaagcaac   60
ctccagatgc tccaacctcc tgggncggnc ncagacactt caactggact tgttccttct   120
gatctatcca cagaccctgg acagcaagga aagagccaac tcctaagact gaacaaactc   180
ccccatatcc attcttctag gttccctaga gacacatggc cccaaagcca gcaggaagtn   240
ggcagatatc acaatgaccc tatttctgct tcaccatcac ccctttctaa tcttttcctt   300
tttaattctg gctaagctcc gccccacagt tacctggcaa caggcaggtg tgcctgaccc   360
actataaaaa ggggccgctt gccccctcct ccctgtcttg ctcctctctt gctctcttgc   420
tttctgctac ccttcccccc acccccacc cccaancccc gngctcatgg tcaagcctct   480
tctctacttc tctctctntc tctctccctn tntctgnctt tctttgctnt actaccctct   540
aaactcccat ccccatgt   558

<210> 321
<211> 489
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(489)
<223> n = A,T,C or G

<400> 321
gactgagggc ccacctgtct ggaaatggat cgttcttact gaacttcgca ggctgcgcag   60
tgtgcagtaa gcgggacttt atgctgatca caaacagatc cctgaaagag gaagatggag   120
aagaaatagt tacctatgac catctgtgta agaactgtca tcatgtagta gccagacacc   180
gagtatacat tcagcatcat ggatgaattt caggaatata ccatgctgtg tctgttgtgt   240
ggcaaagctg aagatactat cagtattctc cctgatgacc cccggcagat gactctgctg   300
ttctaagcct cccgtggttc tcttgtaact gtgttggctt ggtttaaaat agagcaagcc   360
tagggctgga gagatggctc agtgggtaag agcacccgac tgctcttccg aaggtccgaa   420
gttcaaatcc cagcaaccac atggnggctc acaaccatct gtaacaagat ctgactcctt   480
cttctggag   489

<210> 322
<211> 448
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

<400> 322
tgaggagctg gtgagatggc tcagcagtta aaagcactga ctgctcttct gaaagtcctg   60
agttcaaatc ccagcaagca catggtggct cacaaccatc tgtaatgaga tctgacacac   120
tcttgtggtg tgtctgaaga cagctacact gtacttattt gtaatcataa ataaatcctg   180
ggccggccgg agctagtgga gtgtaccaga gcgagcagaa gtcctaaatt caattcccag   240
caagctgatg aagcttcggt acagctacag tatgtactca tctacataaa ataaatgatt   300
aaattcttaa aataaataaa taaatctgat tctattatna aaatttgcta ctacagntta   360
aacttctaat ggactctnga tcttagtgcc ttattgggat aaatactttg cacagatttt   420
tntncctttg gnagctatgt ctcatttc   448

<210> 323
<211> 360

<212> DNA
<213> Mus musculus

<400> 323

```
gtggacatcg aggccctgtg ggtggcccta cagcgtggaa gggatgaccg agctttggga      60
catgtcctgg aaacctaagg tgctggagct agaagagact tgatagcact tcagagacca     120
tcaggctgtt tcgtggaact tccaccaaag agatgcagaa atggagactc cagagctgga     180
gagagagaga tgactcaact gttaaaagca ctgactgctc ttccagaggt cctgagttca     240
attccagca accacatggt ggctcacaat tatctgtaat ggggatctga tgccctcctc      300
tggtgtgtct gaagacagtg atggtgtact gacatatatg aagtaaataa gtaaattaat     360
```

<210> 324
<211> 530
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(530)
<223> n = A,T,C or G

<400> 324

```
atctgaggac cccggcgaga cgcagnggcc gccaagagct tcatcttgga catgtatgcg      60
cgcgtgtacg cgagctgcgc agagccccag gacggtggca ggaaaggctc ccgcgcgcgc     120
cgcttcttcg cacacttcac ctgtgccacg gacacgcaaa gcgtccgcag cgtgttcaag     180
gacgtgcggg actcggtgct ggcccggtac ctggacgaga tcaacctgct gtgacgcggg     240
acagggaacc ccaagcgcga cgcggtcgtg gcgaggacat acctcccct ggtggccgcg       300
cgtggaactg caggtccagg agctgccaag tggggaagcc agcccacagg gagagagtcc     360
ctgcttccta ctgggccccc aagcccagct ccctgtaat ttattccctc gcccttcttc      420
tagtttgttg gagaaaggac atgagccggg tctttaaccc cagcgctccg gaggcagagg     480
caggaggatt ttctgtgagt tccaggacca tgttttcaaa aacaaacaaa              530
```

<210> 325
<211> 350
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(350)
<223> n = A,T,C or G

<400> 325

```
agactgaggc tgtttccctt gcaatttgtg cagttgtttg tgcatgatga gagccgncag      60
cagctcaagg tcaagttccg aactggccgc gccttctact tgcaactgcg ctctcctnca     120
gagacccgcg actgcgagtt tgnccgctgg ntgcggntgc tctaccgcct gcgattccac     180
tcgcccacct cgcgcagtgcc cttcacgcac gaggacactg ctgcctgang aagaggagga    240
gnaggaggng gaggagggtc anaantcagg cgagatgagg gaggacagcc ctcagtggca     300
tcacagggtc aggatggngg ctgtttacac agngctttct gctttccagg               350
```

<210> 326
<211> 315
<212> DNA
<213> Mus musculus

<400> 326

```
cccctccaa ggaaacagcc cacctggaaa cctcctcctt ggaatggtgt agcctcccat        60
aagcctgaag caggctgagc caggcttgac tttgttgcca ctaaggagat cacctggggt     120
ggagcctgcc tccctggatc actctattgt tctgccactg ccactgctgc cacctgctgc     180
ctagctgttc tggagcctac acgtggtcac ttgcagctgg gctccaagaa tgatttggcc     240
gggaatgggc tttcccctct cctttataaa gcgtgtccgc cattaaaaat ttgaaccttg     300
atcagaaaaa aaaaa                                                       315
```

<210> 327
<211> 422
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(422)
<223> n = A,T,C or G

<400> 327
gaactgagga agaagatgag cctgaagtcc naacgcaggg gaattcatgt ggatcaatnt   60
gagctcctgt gcaagaaagg atgcggttac tacggcaacc ctgcctggca gggtttntgc   120
tccaagngct ggagggagga gtaccacaag gcccggcccg aggcagatcc aagaggactg   180
ggaactggca gaacggatat ttgatcacac tgtgaacctc angattgggn tatttactga   240
aantaactgg tgggctggca agatggctca ccctgtaana gtactgatcg ntctttctga   300
acatcctgag ttcaaagccc ttgcaaccac ccgtaatgag atctgacgcc ctcttctgga   360
gtgtcagaaa acagctgnag ngnacttatg tataataatt aaaaaaattt taaaaaaaaa   420
aa   422

<210> 328
<211> 294
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 328
tgaggtgggg tctttcattg tcagcgctca tttccctgct gnaagcttgg cgnagccggn   60
nanagctgcg gggtgaacat tgagaggnac cggcatagca tccgctccgg ctcctcacgg   120
agaagatggc cgagggcgag cggcagccgc cgccaggtcc ggagttcaaa tcccagcaac   180
cacatggtgg ctcacaacca tctgtaacaa gatctgacgc cctcttctgg agtgtctgaa   240
gacagctaca gtgtacttac atataataaa taaataaatc tttaaaaaaa aaaa   294

<210> 329
<211> 460
<212> DNA
<213> Mus musculus

<400> 329
aactgaggct ggcattgaac ttgctatgta gctgagatgg ccatgaactc atgatcttct   60
tgcctcttcc tcccaagtgc ctgggttaca ggcctgtgct actatgccca gtttgtgtag   120
tgctgaaggt caaattcagc atttccccgc ccgagaggct agcactgtgc caactgattt   180
gcatcgccag ccacaaagtg aagctggagc cctgcgtcag aagtctagtt ttataggcaa   240
ctgtcctgtg atgtcagcgg tgcagcgcgt gtgccacctt atttagctaa gcagatcgtg   300
tacttcattg ggatgctgaa ggagatgaat gggcttcgag tgaatgtggc agttaaacat   360
accttcattt tttggacttg catatttagc tgtttgaaca gagttgtttc ctttctgaat   420
ttcaaagata agactgctgc agccccatca caatatccag   460

<210> 330
<211> 495
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 330

84

```
aactgaggtg aagcatggct aaaagcctgc ggagtaagtg gaagaggaag atgcgggccg      60
agaagagaaa gaagaatgcg ccaagggagc tcaacagact gaagagtatc ctcagagtgg     120
acggggatgc tctaatgaaa gacgttgagg agatagcaac cgtggtggta gccaaacctc     180
gccaggagaa aatgcagtgt gaggaagggc nggtgtgacg gcgcagatga ggaaaaggat     240
gacatgaaaa tggaaactga aattaagaga aacagaaaga ctcttctaga ccagcatggc     300
cagtacccag tgtggatgaa ccagaggcaa agaaaaagac tgaaggccaa gagagaaaag     360
aaacgaggga aaagcagagc aaaggccgcg aagggcctgg cctggtagac cttaaagact     420
ggcaagggag acaggcgtgg tggtgcaccc ctttcatccc agcactcaag aggtggaggc     480
aggtggatct ctgtg                                                      495

<210> 331
<211> 445
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(445)
<223> n = A,T,C or G

<400> 331
gttgatggga acaaacacag agacccacag ctgcacantg tgcagagact gagaaacctt      60
ggaactcgca gncctaaatg ggatgtgtcc atnagatntc tcntgctann gactcaggga     120
actctggcag aaagactgta ggagccaacg agnatgaana ctgccacacc acctccngtn     180
agatctgngt gacangttcc acagactgag gcgattgacc tcaaaagggg gaggcctcat     240
ggacccagtt gtggaactct tcggcggagg aaaaatattg agccgtagnt ctcatggcaa     300
tatatctgtt ttgnttnctn ttattccttt tcttatttac atgtncctgg nagctgaggc     360
caaggtctta agcgagaata atgggtanta aaccatccnt anagatgggg ccactancat     420
gancttctnc ccagggaatc aaagc                                           445

<210> 332
<211> 382
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(382)
<223> n = A,T,C or G

<400> 332
actgagccta aattgtatag atctgtgatt gaagatgtta ttaatgacgt acgagnacat      60
ttttctggat gacgggagtgg atgaacaagt cctgatggaa ctaaaaactt tgtgggagaa     120
taaactaatg cagtctaggg cagtagatgg atttcattca gaagaacagc agcttttgtt     180
gcaagttcag cagcagcatc aaccccagca gcagcagcat caccaccacc accaccagca     240
ccagcaagcg caacctcagc aaacggtacc tcagcaagca cagacccagc aggtcctcat     300
tcctgcatcc cagcaaggtg agaaggctgg aggtccctgt tgtgccttac aagttacact     360
tgtcttttga aagtaaaaaa aa                                              382

<210> 333
<211> 382
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(382)
<223> n = A,T,C or G

<400> 333
tcatctacaa ccacatcacc ttctncatca tgatcctcta cctnactgaa gctgantcca      60
cagtgctgcc tgatccaana ttgtcatcgg aggaggctga accgtttcac cccntgcggg     120
nganactccc aggcngnact catcgtanct ggnaccccat cggggatatg ccaaacacac     180
```

```
tggcagttct cctcaaacgt gacaccagca gncttcaccc agcannaaga ccaagcagcg      240
ccactccaga acgcagagcc ccctccaggc cttctcccag attacctgat tttgattnaa      300
ctttgggaag gggnatctgt ctaaaanaaa atcntccatt tcatctagat tttccagttt      360
tggcnaatat aggcttttat aa                                               382


<210> 334
<211> 222
<212> DNA
<213> Mus musculus

<400> 334
cgggcagcga tgatgtgacg aacgcagggt attctgcagc caattctaat tcaattttcg       60
ccaactccac gggtttctct gtagccctgg ctgtcctgga actcactttg tagaccaggc      120
tggccttgaa ctcagaaatc tgcctgcctc tgcctcccga gtgctgggat taaaggcgtg      180
ccgccatcac gccagcaaat aaataaatct taaaaaaaaa aa                         222


<210> 335
<211> 100
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G


<400> 335
ggaactcact gcgtanatng ggctggcctt aaactcactg anattngtct ttntcctgcc       60
tgctgaaatt aaagtngngc gtcaccctga aaaaaaaaaa                            100


<210> 336
<211> 100
<212> DNA
<213> Mus musculus


<400> 336
tgaacaagaa gatgtccacg tccaagagga aagccaggat gggcaagagg aagaagtcac       60
ctgttgaaga tgttggacag agagagtcag aaaaaaaaaa                            100


<210> 337
<211> 483
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(483)
<223> n = A,T,C or G


<400> 337
actcctctga gagacttgca gcagttggat ttagccgggg caccgtgtga gcagtgacgg       60
atggctttac ttcatgaatg tgtttgagaa tctgaagcag ttagtgtttt ttgactttag      120
cactgaggag ttcttaccgg atgcagcact ggtgaggaaa cttagtcaag tgttatccaa      180
gttaactctt ctgcaagagg taaagctcac gggctgggag tttgatgact atgatattag      240
cgctattaaa ggcacctttа aactagngac tgcttaatgc acctgtgcca ccaaatactc      300
caggactccc tcacttccag caaatcatta aaagctacgc agaagtgggg ccacagagct      360
ggctcagagg ttaagagcac tggctgctct tccagaggac ctgggattga ttcgcaccac      420
ctacaaggtg gctcacaacc atctgtaact ccagttccag ggggatccaa cattttctga      480
tct                                                                   483


<210> 338
<211> 406
<212> DNA
```

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(406)
<223> n = A,T,C or G

<400> 338
gattcttcga cttcacatcc acagctgccc attgttgggt tagctggact acaaattggc   60
actgtctcca gtccgctgtc ccttcctaac agaggcacct gttcctggtg gcacagttcc   120
tggtggcatt cagagtgcca gggaaagcaa caggaggagg aagaggggag caggtctgag   180
aagcagaagc gcatctggtg gtgaccatcg ctaggaagag aaggaggcaa ggatcggncc   240
aggagaaatg atgtccaaag tcaaacnagt catacaagat ctcactgtgg agaaagacaa   300
aggnggggag gcctccagac ncagtgaaga anaatcccac cttctggaaa gaggnanaga   360
ccaagaatcc tggaggttat gtcaaangga aagtcaggcc gacttg   406

<210> 339
<211> 253
<212> DNA
<213> Mus musculus

<400> 339
tttgagccct gaggcctggt gaacccatct tcaagctttt cagcggagaa gacgtactgt   60
atgaggggga ctccattgtg taccctgtgt tcattaatga ggcaagccag taaagaacat   120
ccctccatgg cctctgcatc agctcctgct ccctgacctg cttgagttcc agtcctgact   180
tcctttggtg atgaacagca gcatggaagt gtaagccgaa taaacccttt cctccccaac   240
ttaaaaaaaa aaa   253

<210> 340
<211> 379
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(379)
<223> n = A,T,C or G

<400> 340
tgagtggcag cccagcagca gcagcagcag cagtgggagc aggaacagca gtaacaacag   60
caacagcagc acagccgcct cagagctttg gctcctgagc cccctgtggg ctgaaggcat   120
tgcaggtagc ccatggtctc agaagaagtg tgcagatggg attaccgtcc acgtggagat   180
atggaagagg accagggatt ggcactgtga ccatggtcag ctggggggcgc ttcatctgcc   240
tggtcttggt caccatggca accttgtccc tggcccggcc ctccttcagt ttagttgagg   300
ataccacttt agaaccagaa gatgccatct catntggaga tgattgagga cgacacagat   360
agctccgaag acgttgtca   379

<210> 341
<211> 303
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 341
tatgctagtc actctcctaa ctgtaaatca acactaagag cactagaagg ttaaaggtca   60
aggagactct cacaaaggat ccaggaatct ccagattgat ttccagaatg gttgaccagt   120
ttgcaattcc acaagcaatg gaggagtggt cctctttctc cacatcctgg ccagcaagtg   180
ctngtcacct gagtttttga tcttanccat tctgattggn ggaaggtgga atctcantgt   240
tgctttgatt tatatttttc tngatcacta aagactttga acatttcttt tgaaaaaaaa   300

<210> 342
<211> 376
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(376)
<223> n = A,T,C or G

<400> 342

```
gactgagtac cgttccccag ctgaagagtt ctgaatccac gccggatcct tctcaacagt      60
ctgttttacg ggaaccttta ttaaccactc cttccccgtg atgcagttct gaatcctccc     120
tgtagcaggg ggtcttcgct cgtgcctgaa agatgtttct tgtcccgggt ctcagcacca     180
cttgttgcac gcgcccccaa ctcgccagca agaacgacgc tgctacagga tccttctgca     240
cacgtttatt cagtcctatt tctttcttgt ntatatctcc cttgtttata tctcccctgn     300
ttatatcttc cttgtttata tctcccaata ataacaatcc tctctcgaat aataatcctc     360
cctctaagaa aagaaa                                                     376
```

<210> 343
<211> 440
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

<400> 343

```
tatctcacac cacagctatg caatacctag gaanangata ctgatcgcct ggaactangg      60
aaacaagtgc ganagntnng ctnanngtaa atntacttan gnctanagga nccctcgggc     120
gagctatacc tggactcctt ggtggngatg acagacgaca ggctgattgg ntgctagcca     180
ggaccacnct tctccttgtg ctggttctnc tccaaactgc nacttaatgc acctgcaatg     240
aaaanggccc cacaccagta accagatgct gcantgagcc gntttatttt gctattacaa     300
ctgggcanat nagacaattt taagccangt gngngngatn tatgtctttg attctagcac     360
tcaggaggca gaggcaggtg gatctattga gttagaggcc agcctggtct atagagtgag     420
ttccaggaca gtcctgtgtt                                                 440
```

<210> 344
<211> 428
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(428)
<223> n = A,T,C or G

<400> 344

```
ttgctagggg tggagcttcc tgctcattcg ttctaccgcg cnnactggtg gancctgagg      60
agccacacac gtncaccttt gtnctggann aganattatt cangagggaa tcgggncccc     120
tcccccttcc ttnataanna gttgncctnn cannngantn nganccttga tcagantact     180
nacanaaaga aagactgntn gnnnaaaaat ggctgttacc ttgagaagaa ttttggatgc     240
ccaggctggt gaanaaggga ctgacantgg accatcttcc tagaactccc anctaaatac     300
ttnaggacac atcttntgga atgnatttna cttttgaggg ggaggagaa  attgacttat     360
tgattcctaa attctttgca ggatcagaan gncngccttt gttacagagt naacacagaa     420
ccaacact                                                             428
```

<210> 345
<211> 325

<210> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 345
gactgagatt gacaattgcc tttttttgcac tctctgggct ggatatgctg gactccttgg   60
atgtggtgaa caaagacgat ataatagagt ggatctactc cctgcaggtt cttcccacag   120
aagacagtga actanataat nnggtgcttg ctcanagnna tnnattgnat ggatnncacn   180
accnnnaatg gnggagccan agaaagnagc caangngctg aaggngtctg cntccctata   240
ggtcnaacag anagtgcnaa ctaaccanta cccncanagc tngtgtatct agctgnatat   300
gtancaaang atggcctagt cggcc   325

<210> 346
<211> 391
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G

<400> 346
agactgccct ttggtattca aacgggagcc gctttggact gactggctgc cttcctcctc   60
ctcccccctcc tccccccttct gcttcagatt tatttattat atgtaagtac actgtagcag   120
ttgtaggaca cactanacga gggcaccaga tctcattgtg ggnggttgag tacnnccnng   180
catngcnqnt agggncgatn ggnactcagg gataanannn ntgactagct cttggctntn   240
anccggaana tacantatgt gcnggctant gcacttcata tattaaggca atgaatgatc   300
cnntcatggn acgacagtct gccctccctc cttttttgagc cattttcccct ctttcaccat   360
atactcaata aaataagtaa atgaaaaaaa a   391

<210> 347
<211> 294
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 347
gactgaggat aacgcgtatg gagtgaaact ccccnctgca gggttgcctg ttagcttcct   60
gaggtctcag cggagatatg gactgtggga gtgacacttc anggctgggg aggctgtggc   120
cttgctggca gaagtgcatc acagggacag gcccagtagt ttctctccag tctcctctcc   180
agcactactt ccgtcttcct gccacaatgt tccctgaaat gaagataatg aactgaacct   240
tagaaattgt aagccagccc caattaaatg tttccatttta tttaaaaaaa aaaa   294

<210> 348
<211> 432
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(432)
<223> n = A,T,C or G

<400> 348

```
actgaggtga tgtacaactt tttgacctcc agaaaagctc acagcaaacc cacagtttct      60
ataacacaaa cccaagatgg aagtcctgtc tactgtctcg agtttaacag ccagcagaca     120
cagctcttag ccgctggtga tgctaagggc atggtcaaag tgtggcagct gagcacagcc     180
ttnacagaac aagggccccg ggaggtggag gacttggatc agntanaanc agaaatcact     240
acctgagggc tggtgagatg gctcagcggg taagagcact gactactctt ctgaaggtcc     300
tgagttcaaa tcccagcaac cacatggtgg ctcacaacca accgtaatga gatctgatgc     360
cctcttctgg tgtgnttgaa gacagctaca gtgtacttac atataataaa taaatctttt     420
taaaaaaaaa aa                                                         432
```

<210> 349
<211> 462
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(462)
<223> n = A,T,C or G

<400> 349
```
cctttattaa ccgctccttn ccangatgca gntntgaatc ctccctgtaa nnatagggt      60
ctttgctcgt gcctgaagat gttncttgtc ccgggtttcn gcaccacttn ttgcgcgcgc     120
tcgactggcc angaagaacg acgcttcaac aggatccttn tgcncactgt ttattgngag     180
agcttnattg tanaggcnaa aagacttttt gcccagagct ggcgctgctt ttataggcct     240
aggagaggcg tgnctcatac cctgattggn tatgcactaa gcctcatttg catgttcctc     300
atctgattgg ctactctctc tcagtacctc acagagcctc attatcatat cncattngna     360
tgtctcacat ccaattggct actntattag naccttacag aanctgatta tcatgcctgg     420
gccaagcagt gtttttgcaa aanncttttc ctgcatatgt at                       462
```

<210> 350
<211> 335
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(335)
<223> n = A,T,C or G

<400> 350
```
aagagcccac tcccacccgc tcaacacaac cctccacatc agcatgttcg aagtggtcca      60
agagcactcc aacagggagt ctgacttgtt ctttttggat cttcagacag ctccgatctg     120
gggacgaggg ctggctggtg ctggacatca cagcagccag tgaccgatgg ctgctgaacc     180
atcacaagga cctgggactc cgnctctatg tggaaaccgc ggatgggagg gagatgtagt     240
ctcccctccc ccagcctgna acctngcttg ctcggggngg agcttnctgc tnattcgttc     300
tgncacgccc actgctggaa cctgaggagc cacac                               335
```

<210> 351
<211> 262
<212> DNA
<213> Mus musculus

<400> 351
```
agatgggccg agagctgggg ggtgcgccca gacgcctcgc cagccaccag tctgagttgg      60
tctttcgaag cagtaggaac ctgtcacctt cagccagaga cacctgccgg ccatctgccc     120
cagtgtcctg agttcaaatc ccagcaacca catgatgact cacaaccacc tgtaatgaga     180
tctgatgcac tcttctggca catctgaaga cagctacaat gtacttacat ataataaata     240
gataaatatt gaaaaaaaaa aa                                              262
```

<210> 352
<211> 161
<212> DNA
<213> Mus musculus

90

<400> 352

```
tggcccaacc aaagtctttt ggataaagca ccacaatgga caatgtaagg aaggcagcca     60
aacgcttacg cttcccaagg cacagatctt tcccagcatg ggaaagatcc tccctccctc    120
cctccctccc tccctccttc caccatacac tttattaaaa t                        161
```

<210> 353
<211> 526
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(526)
<223> n = A,T,C or G

<400> 353

```
gactgagtgg ataatcttcc tgtcctacac ctgaccaagg catcccctaa aagccccagg     60
gaggctggac catggtacaa gaactgcctt catccatcac cgtgagcaag tgtggaagag    120
atgcatcaat gtttggnnag ncatagccca cttntggctt accataggcc atgngctacc    180
gancctgntt ngggcatctn ttgaatggct gcttattgca gtntgtgcct tcatattncc    240
acaaancata ttatcgnnat ccatttttat ngtaaaactc aagggtgtac canaaaccta    300
atttatccct aatagctngg cttgatttta caaacctgct ntcagcaccg acctcatttg    360
cttttatctg aagctcagga aagttaggaa aaggntgaat tgattcgtta atatgtagga    420
catgtanccg ggcgtggtgg ctcacgcctt taatcccagc actccanagg cagaggcggn    480
cggattnctg agttcnaggc cagcctggtc tacagagtga gttcca                   526
```

<210> 354
<211> 311
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(311)
<223> n = A,T,C or G

<400> 354

```
gcccaagtgg atgcagganc ccgggcagcc agaangggtt ggtatctcct ggaancatga     60
atnacataaa ggtgtgagcn gccatncngg ncccagganc tacagccagg tcctctgaaa    120
gagcngacnn tgctnttaac ccccaagcca tntntccagn ctgagagtgc tgnnntctta    180
tcatganaag acaaacagca gtggagttgg caagctgcct cagtgggtaa aggtacttgc    240
tgccaaggct tgcagcctga tttcgattcc cagaacccag agaatagaag tcgaaaacca    300
aaagaaaaaa a                                                         311
```

<210> 355
<211> 212
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(212)
<223> n = A,T,C or G

<400> 355

```
tgaggtgacc cgaatggagc tgtggcccgg ggccnggacg gcgctgctgc tgctgctgct     60
cctgctgctg nccaccctgt ggttctgcag ctccagtgcc aagtatttct ttaagatggc    120
cttctacaac ggctggatcc tcttcctggc gatcctcgca atccccgtgt gtgctgtgcg    180
agggcgcaat gtcgagaaca tgaaaaaaaa aa                                  212
```

<210> 356
<211> 233
<212> DNA
```

91

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(233)
<223> n = A,T,C or G

<400> 356
tgaggcattt tgtgaaagaa ggaagatcct gtctgctgca tggataatgg actggaacac      60
agaaagacca tgcagggttc ggctgtagaa ggccggtatc tccanaggcc agaagacacc     120
atcagatctc ctgngactgg agttatagag gttgtgagct gccatgttga accaancagg     180
tnactgaggg acacaggcat gtggatggaa accctgctgg agaaaaaaa aaa             233

<210> 357
<211> 225
<212> DNA
<213> Mus musculus

<400> 357
agagttctga atccacgcca gatccttctc aacagtctgt tttacgggaa cactttatta      60
accgctcctt cccagtgatg cagttctgaa tcctccctgt agcagggggt cttcgctcat     120
gcctgaagat gtttcttgtc ccgggtttcg gcaccacttc ttgcgcgcgc ccaactggcc     180
aggaagaacg acgctgcaac aggatccttc tgcacaaaaa aaaaa                     225

<210> 358
<211> 305
<212> DNA
<213> Mus musculus

<400> 358
aagggcattc agatctggga gaagtggccc cagaagtaaa accttcagac agccaaacat      60
ctgtggcaat tgcagatttg gaatggagag aaatggaagg agatgactgc gggttccatt     120
atggagatgg tacaaacgag gctcaggaca atgacttccc cacaggtcct gagttcagaa     180
atcctggcaa ccacatggtg gctcacaacc atccttaatg agatctgacg ccctcttctg     240
gtgcatctga agacagctac agtgtactta gatataatag taaataaatt atttaaaaaa     300
aaaaa                                                                 305

<210> 359
<211> 273
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

<400> 359
actgagtgca tggagctgtt tgagaagaca gaggatgtgc ccttgttgga ggagatgtgt      60
ccctggggga aggtcttgaa acttcaaatg cccactcact ccattctcag cacctctctt     120
cctcatgtct atgaatcagg atgggaagtt ctcagctact gctctagcat catacctgcc     180
tgccagatgc cgtgctccct gccatggatg gtcatgaact cacccttaa aactgnaagc     240
cctcaataaa gtctttcttc tacaaaaaaa aaa                                  273

<210> 360
<211> 231
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(231)
<223> n = A,T,C or G

<400> 360

```
tgcaggctgg ttagaatgaa caggacacgc ccacacccac agtactgtac cttnatattc    60
tcgccatcca gaaggtctat gaagccatca tcctcatcgg acaaagtggc ttttacaggg   120
tttcttcctg gagccgtgac tgtcctggac ctcagtctgt acaccatgct gcccttgncc   180
acctgcctgt ctcccaagtg ctgggattaa agatgtgcaa cccccacaaa t            231
```

<210> 361
<211> 231
<212> DNA
<213> Mus musculus

<400> 361

```
agcatgaaat cgggcagcga tgatgtgacg aacgcagggt attctgcagc caattctaat    60
tcaattttcg ccaactccac gggtttctct gtagccctgg ctgtcctgga actcactttg   120
tagaccaggc tggccttgaa ctcagaaatc tgcctgcctc tgcctcccga gtgctgggat   180
taaaggcgtg cgccatcacg ccagcaaata aataaatctt aaaaaaaaaa a            231
```

<210> 362
<211> 460
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(460)
<223> n = A,T,C or G

<400> 362

```
tcggcttttgg gatgggttgc gacggaggca ccatccccaa naggcacgag ctggtgaagg    60
ggccgaanaa ggtcgagaag gaggccagaa gaaagcatcg gaccccgggg agctggagct   120
acaggttttt gtgagccatt aatcttggct gttagaacca aattcggatc ctttggaaga   180
gcagtacaca ggcttaacca cggagccatc tntccagcct gaacttatgtg tattaaagtc   240
tccccaaacc attcccccctt gtgaagtcac acccttntta aactatatna gctcttagca   300
ctctgaattg gtggttgagc ccagctgatg gtcacgtgac tgcaagctcc tcctggtgaa   360
ctctgtgcac tgnttttctt ncagaactag cacagtttct gccacagtga atattttga   420
ataaatgcgt gggcnttctg taaatcttac aaaaaaaaaa                         460
```

<210> 363
<211> 100
<212> DNA
<213> Mus musculus

<400> 363

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cctcattggc tctagtggct cctccccgag ccggaccagc ccggagtccc tctacagtga    60
cagctccaat ggcagcttcc agtccctgac tcaaggttgt                         100
```

<210> 364
<211> 266
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(266)
<223> n = A,T,C or G

<400> 364

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tattgattct gcctcccaac aagacaanct gaggaagtga tgagccacgn agccgnngac    60
ccttanagtt ttagatgngc ggatcccttc atgtatactt tacagaaaac catgntaagc   120
cggtcgtggt ggcgcacgcc tttagnccca ncactctgga ggcagaggca ggcggatttc   180
tacaaagtga ggccagnctg gtctacaaag ngagttccag gacagcccca gggctataca   240
gagaaaccct gtctcaaaaa aaaaaa                                        266
```

93

<210> 365
<211> 520
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(520)
<223> n = A,T,C or G

<400> 365
tgacgggaat ttgaacccc atggccccga tgacagcatc attgtacttg atgatgacga   60
tgaagatgaa gctggtgntc aaccagggcc ctccaaccta ccccccaatc ctgcctcaac   120
aggacctggt cctggcctgt ctcaacaggc cactggtctc tccgagcccc gtgtggatgg   180
agggagcagt aactccggta gtaggaagtg ctacaagttg gataatgaga agctctttga   240
agaggtaagc ttttgagata aaagggtcgc cctttgtggc ccatgctggc cttgaactca   300
cagagctttt acttgcctca gcctcctgac agctaggatt aaaaatgtga accactgggc   360
aggagagatg gttcagcggt taagagcatt gagcatccag aagtcctgag ttcaattacc   420
accaaccaca tgatggcgtg gctcacagcc gtctgtaata ggatcttgat gccctcttct   480
ggtgtatctg aagacagcta cagtgtactc atatatagaa   520

<210> 366
<211> 346
<212> DNA
<213> Mus musculus

<400> 366
caggcggtgc taaattttgt ctgttacagc ctcggccatt agaagctggg gcaagctttt   60
ctgcctactt aactctgatt ttatttattt gttatatgta agtacactgt agctgtcttc   120
agacactcca gaagagggag tcagatctca ttacagatgg ttgtgagcca ccatgtggtt   180
gctggggatt tgaactctgg accttcggaa gaacagtcgg gtgctcttac ccactgagcc   240
atctcaccag ccccatatat gtcatttttc tgttcccaca ttctctgtaa gattattgtc   300
ataagttaaa atctgaatta aagcatttga atgtcaaaaa aaaaaa   346

<210> 367
<211> 487
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(487)
<223> n = A,T,C or G

<400> 367
ctgaggttga gaacatttcc aagctctgac tacaacatta aacctcagaa tggaagagat   60
gggaagtcgc atcgaggact tacagagaaa cgtggatgac ctcatgactc aggccgggat   120
cgagaattct atcaaagaac cagcgacctg aanatgttaa acngagtcac gtgggattgc   180
taaaacaaaa actacaccat acgtctgagt aataataatc tatgcagtat gaattntgat   240
gttcatttaa attttttttg gacacttaaa attaaaccca gggcctaaac tataggcaag   300
tggctaccaa cgagctatac cctaacccac tgaaaactaa aattcacttt aacaaatgaa   360
gaacaaagct gggccataat ggcacatgcc ttcaacccca gcacttgggt ggcagaggca   420
tgcagccagt ctggcctaca gagggagttc caggacagcc agggctacac agagaaaccc   480
tgtcaaa   487

<210> 368
<211> 150
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(150)

<223> n = A,T,C or G

<400> 368
gcacctctgg aggtggaagg aagaggatca ngaagttcaa ggccattctc agctatgttg   60
gcagttcaag accagccgga gcttcatgaa accctgtttt aaaattaatg aaataaaata   120
ataaataaa acaagattta aaaaaaaaaa   150

<210> 369
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 369
ttccaaagtc tgaccaatca ttgcaccagt cgagctgaca nccagtgctg gctgtttgcc   60
tgtaccacta ttaaaaaata attcagttta aaaaaaaaaa   100

<210> 370
<211> 394
<212> DNA
<213> Mus musculus

<400> 370
aacagcggac acccagagag ctaaatgtct cctaccggct aagacaagga aacccactca   60
gatcgacctc tcgtggatca aacagactct atccaggtaa gtacacctgc caatcactaa   120
gttcctgtag gaggctgtag cctccccttt aggctgcccg agctgcacct taaagatggc   180
gcctgccaga tgcagagctg gtggtgtaaa caagtccata ttcggtggag acgtgcccct   240
gccgccctga ttggctgaag ccatgtacct ggtgaggtga cgtggcctgc cgtgagtgga   300
tgggggctga gagtatataa gagtgagagg cccgggggttc gagggagatg aagactgaaa   360
atggctgaat aaactgctga tagaagaaaa aaaa   394

<210> 371
<211> 321
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(321)
<223> n = A,T,C or G

<400> 371
aacatcttac ctccaagaac tgcttcagac gtatgaaaga gcccatctgg nctgagctng   60
tgatggcttc aattctatnt agnggganaga cngagagact tgtgantacn tcctntgagg   120
aatctcaaca ctccatcang ngangctcac tggttaacan caccgactgn tcttccaaag   180
gccctnagtt caaatcccag caaccacgng gggggctcac aaccatncgt aatgagatnt   240
gacnccctct tntggngtnt ttgaagacag cgacagtgtn ctcactataa taataataaa   300
taagtcttaa aaaaacgaaa a   321

<210> 372
<211> 247
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(247)
<223> n = A,T,C or G

<400> 372
tcacctgtag gctgtcttca caacacntcc agaacaggga gtcanatctc attacngatg   60
gntgtgagcc accatgtggt tgctgggatt tgaactctgg accttcngaa gaacagtcgg   120
gtgctcttac ccactgagcc atctcaccag ccccatatat gtcattttc tgttcccaca   180
ttctctgtaa gattattgtc ataagttaaa angggaatt aaagcatttg aatgtcaaaa   240
aaaaaaa   247

<210> 373
<211> 400
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

<400> 373
gctaaggcag ttacattcgg agttccgcgg actcttcaga ggctgtaaaa atgccggagt   60
cacgaaagcc tgcaaagagc tgttgcttgc cttgctgctg ctgctgctac tgccgtccct   120
gcccgtgctg cagctgctac tcctgctgct gctgctgctg cttgttgctg attgttgcgg   180
ttgctggttg ctgtttactg tttgctgccg gctggagngc tggattgctg attgccagtc   240
ggcgaaatcc tggcgatgaa gatccaactt gccccaagaa acaagacgac cctaagaagt   300
agtctaatga tttcaatacg ccctttcccc ctctgacctt tctctcttac cttatgctgg   360
gggattggaa gggtggcana aaaaagaacc caataaagta   400

<210> 374
<211> 259
<212> DNA
<213> Mus musculus

<400> 374
aactgaggat cggctcctgg agcaggacag cctctgtggc ctcactggcg ctgctttggt   60
ttctgggact tccgtggacc tggagcgcgg cggcggcgtt ctgtgtgtac agtgggtggc   120
ggcggctggc gctttctgcg tatcgtctgc aagacggcga ggcgagacct ctttggcctc   180
gaactcagaa atcctcctga ctctgcctct gcttcccaag tgctgggatt aaagacgtgc   240
gccaccacca aaaaaaaaa   259

<210> 375
<211> 205
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 375
catgatggtt gtgagccacc atgtggttgc tgggatttga actctggacc ttcggaagag   60
cagttgggtg ctcttaccac tgagccatct caccagcccc tcaacagatt tctgatcngt   120
gagaaaagac tggaacatag atgctttctc tcctacggcc tgaccttcag ggtgacaacc   180
atctctgaac tgaccgggaa aaaaa   205

<210> 376
<211> 275
<212> DNA
<213> Mus musculus

<400> 376
agcacgacag agtcacctgg gagaaagaca tctggagcac atcgatttga ggtgggaaga   60
tcagcccact gtgggtggca ccatcctgta ggctgggaaa ctgcattgtg ttaaatgaag   120
aaaggatctg agcagcaatg cgctcatcgt tgtttcctga ttgtgggcaa ccagctgctc   180

96

```
caagctcctg ctactctgac gacttcccca ctgtgatgga ttctaacctt gaaccatgaa      240
ccagaataaa ccctttctcc cttcaaaaaa aaaaa                                 275


<210> 377
<211> 182
<212> DNA
<213> Mus musculus

<400> 377
aacgacagga aaagacctgt ggtatatgaa actttgttga caagagagga tccagagact       60
ttaaaagcaa aactctgctg ggcatggtga ctcctgtctg taattccagc acttggcagc      120
ccaaggcaga tggaggagga tcagagttca gaaagtgaag caaattaatg gaaaaaaaaa      180
aa                                                                     182


<210> 378
<211> 215
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(215)
<223> n = A,T,C or G

<400> 378
tgtcttgcat cgtggttata gaccaaggga ataaacaag atcttataaa taggctgcag       60
gcctatcttg aagaccatgc agaagaagaa gcanatgaag angatgtact gggagatgan      120
actgaggaag aagaaccann gcccatanaa ctgcctgtta aagaggaaga ncctcctgaa      180
naggctgttg atatggcatc ggaaaagaag gtggt                                 215


<210> 379
<211> 315
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

<400> 379
catggcttcc tgtgcgtgct tggcaactng acagnaatct anagtcatct gngaagaggg       60
aacctnaatt ganaaaatgc ctccaccaca ccggactaag ngggcnagan catctacctg      120
ctgctgctgc tggcgacggc ancancanca gcnttgtttg ctatcatcag agcccacctt      180
ctttggcctt ncaatgtgag ctaaagacca gnagntctcc agaaagtgtn tncaagnttg      240
ggggncnagn ctggggntgg tggngngcnn aagctggtgg ggggggngg ntggggggg       300
gggggggggg tgcgg                                                        315


<210> 380
<211> 384
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 380
aaatggcaat tcagcaagct gataaactgn angaanaaac acactgatct tcantgtcgc       60
gnaggttctc aaggccattg gtttacagag aactggcaag cacagaagta aagtggaaaa      120
tggctttaca agttatgttt ggccttaaat tttttctagt gttagaagcc cttttgttcc      180
ttttcacatg ttatatagtg cttaagatag ggnngaaaat tctagaggaa attcaggaca      240
```

```
gtctatcaga agtaaagcgg ggagagagag taggagcaag gagaaacggt aagtatacag      300
gcctttccaa gggtcttgaa cccgaggaaa agttaaggtc aggtaggaat acctggggag      360
agattagaag gaagaaaaag aaaa                                             384


<210> 381
<211> 100
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G


<400> 381
gggaaaaggg gacggttttc tgaagttatg aagatgcaga gnctgagaga tgggganttac      60
tatgcgtgca nacaaatgaa gcagcacttt gaaagtattg                            100


<210> 382
<211> 199
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G


<400> 382
gactgaggat gtcctaactt caggnatgga aggaaggaaa catgatgcca tattgaagag       60
gttttgtctt tgtttcaatg ggagaagaag agctacggat accatcaaat taataaagat      120
tagatttggc cagggggagac ctcctgaaaa tcttggctac agacatgaag gaaaaaattc     180
aagaagacca aaaaaaaaa                                                   199


<210> 383
<211> 234
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(234)
<223> n = A,T,C or G


<400> 383
agacacccgg gcgggcacca aggctggatt ccatcacggc atggaatgag cctcaccaag       60
gcttttgaaa atgtccttcc gggctggaga gatggctcag tggttaagat aaacaccaac      120
aacttttcca gaggtcctga gttcaaatcc cagtaaccac atggtggctc acaaccatct      180
gcaatagggt ctgatgcctt cttntggtgt gtntgaagag agcaatggtg tact            234


<210> 384
<211> 214
<212> DNA
<213> Mus musculus


<400> 384
ctcctgtctg ctgatggata atggactgga acacagaaag accatgcagg gttcggctgt       60
agaaggccgg tatctccaga ggccagaaga caccatcaga tctcctggga ctggagttat      120
agaggttgtg agctgccatg ttgaaccaag caggtcactg agggacacag gcatgtggat      180
ggaaaccctg ctgggagaaa aaagaaactg gtga                                  214


<210> 385
<211> 100
```

98

<212> DNA
<213> Mus musculus

<400> 385
aagactccct cacagttgtt tttgaaaata attggcaacc agaacgccag gttccgttta   60
atgaagtgcg attaccacca ccacctgata taaaaaaaaa   100

<210> 386
<211> 334
<212> DNA
<213> Mus musculus

<400> 386
gcgggaattg acaggaggac tacgccgcaa gggataggcc cagaatagca accaggaaac   60
aaaatctcat catggccaat gtccaccagg aaaacgaaga gatggagcag cccctgcaga   120
atggacagga agaccgccct gtgggaggag gtgagggcca ccagcctgct gcaaacaaca   180
acaacaacaa ccacaaccat aaccaccaac accaccgaag aggccaggct cgccgacttg   240
cccctaactt ccgatgggcc attcccaaca ggcagatgaa tgacgggttg ggtggagatg   300
ggagatgata tggaaatgtt catggaggag atga   334

<210> 387
<211> 127
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 387
aatggtgacg aggctcccta aagcagcctc gaccatccac agacagcctc acgtttttct   60
cctacttttt ccttatgctt ttaaatggca gactcgccgg gcgtggnggc gcacgccttt   120
aatccca   127

<210> 388
<211> 199
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

<400> 388
ggcaaacttc atgtgcangc tgatacacat aggcctctga ggaaatttgt antatgtcct   60
ggaagctcta aagaaaagca agagtgccgg gcagnggtgg aggacacctt taatcccagc   120
acttgggagg aagaagcagg nngatttctg ngttcaagac cagnctgggc tacaagagtg   180
agtccaggac agccagtct   199

<210> 389
<211> 237
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

<400> 389
ccttcaagtc tgctatggaa ttgaaagtga cctggagctt ccggtccttt ctacctcccc   60

```
ggtgctggga tggcagaagt gtgtccgcct gcgcattant catggttagg aataaaaccc      120
agggcttcaa gcatgcttgg cagatgttct gccaactgag acacancccc agtccccaaa      180
ccacatagtt ntgaaataca ggtcacattn aaaaataaat caacctggga tggacgg        237


<210> 390
<211> 295
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

<400> 390
ccctccaaga gctgagatca caagaatgta ccaccataag cggttttgtg tgtgtgttgg       60
agagatggtt canaacttaa gagcatatgt tggtcttcta gaggatagga attcatttcc      120
cagaacccaa gccaggtggc tcacaaccac atgtaactct aaccccccaa gatccagtat      180
ctcggcctct tcagacacct ttactcacat gcacatatca acacttaaat gcacataatt      240
taatttattt ccaggaagaa aaagttccta aaaatcaaga cacctgctca ccaga          295


<210> 391
<211> 146
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(146)
<223> n = A,T,C or G

<400> 391
agtgtgtatc atgcggttat tgtcatcttt ttggagtttt ttgcttgggg actactgaca       60
gcacccacat tggtgaacaa tgttctagga cagccaggga gacacagaga aaccctatct      120
tgnagaaagg aaggaaggaa gaaaaa                                          146


<210> 392
<211> 193
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(193)
<223> n = A,T,C or G

<400> 392
gactgagagt tgtgctgaag acaacagaca cctccatgac aacccaaagt atcacagagg       60
aaatgaaaag ctgtggactc attcanagtt aattaagatt aggtatgacc atggaagact      120
tgtgtatgac catggaagac ttctagagaa tcttgactgg tgatgtggaa aaagagaccc      180
agaagaacaa aaa                                                        193


<210> 393
<211> 484
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(484)
<223> n = A,T,C or G

<400> 393
```

```
ccattcttgc ccaggagaga gcgaggtcct ggacctggag agtgagctgt acctgggcgg      60
tctncccgag gggggacgag tggacctgcc actgcccct gaggtgagga cagctgctct      120
ccgggctggc tacgtgggct gtgtgagaga cctcttcatc gatggacgga gtcanagatc      180
tccgggcct ggctgaggcc caggggctg tgggcgttgc tcctttctgc tcccgggaga      240
ccctgaagca gtgtgcgtcg gccccttgtn gaaacggggg catctgtcga gagggctgga      300
accggttcgt ctgtgactgc atcggaaccg gctttctggg tcgggtctgc gagagagagg      360
ccacggtctt aagctatgac ggntccatgt acatgaagat catgctgccc actgcgatgc      420
acacggaagc agaggatgng nccttacgct tcatgtntna nagggcatat ggactcatga      480
tggc                                                                  484

<210> 394
<211> 167
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

<400> 394
agatgtggtg gtagtaggcg gttatgaaac tatctgcaag gaccgtctga tgggccagtg      60
tggccagcg tctnaactac cnanntggca aaancattgg ntccttgcta cgctctcact      120
atgaacgcat tgtttatncc tatgaaatgt accagtctgg gagccaa                   167

<210> 395
<211> 298
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(298)
<223> n = A,T,C or G

<400> 395
actgacaaca gcccttctgg ggacagtgac tgctacatga actacaggag tgtcgaccag      60
gactctcagc ccgtctattg caacctggag tccctggggc gatgaggaga gtgtggtctc      120
ctggcgctga accagcctcc aacagccccc aggatccagc acgctcaaca tcacaggggg      180
tagaggacac cccaccccac ccagagcaga aggagggtga gaaacaaccc tccggtcagn      240
gngcatgcat gtgatgctca ataaaagctc tgggagcagc tgactctaaa aaaaaaaa      298

<210> 396
<211> 383
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(383)
<223> n = A,T,C or G

<400> 396
gactgagctt tttcctgcaa tacagtggnt acagtttgct gtggctactc tgagtgttat      60
aggctccagn tcactcctca cctacatcgc gttccagagc ccacagaagt ctgcagagat      120
aaagccactc ttgtatctga gcttctctga cctgctcctg ggaatttgct ggctcgtaaa      180
ggcacttctc tatggaactg cagcagccca caaggacagc atctgctata acctacagac      240
cgtggggggag nttnttctac nttgnctcac tcctctanac ngcannctac antgnggcgc      300
naggttntna nangnngang aagacagagc ngnctnagtc gtagatggag cacttgtnga      360
nccaggtgac agattatgtt atg                                             383

<210> 397
<211> 126
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<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(126)
<223> n = A,T,C or G

<400> 397
ggtgatgccg ggaggccccc cagccctcaa tcagccaatc ctcatcccct tcaacatggn   60
gggacagcta ggtggtcagc aaggcctggn cctcacactg cccaccgnga atctcacaaa   120
catcca   126

<210> 398
<211> 160
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 398
aagtggcaag gagagactca ggagttttgc cccaatgngn gggnggtgct ggttggctgt   60
aagctggaca tgcggactga cctggccaca ctgagggagc tanccaagca gagactcatc   120
cctgncacac atgagcaggg nactgggctg gccaagcaag   160

<210> 399
<211> 368
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

<400> 399
tgtagccact gaggaccagc aaaaacacct gtccaaggca gcacagctgg gaccagaanc   60
aagtccccaa ttgtctactc tnctgtgccc atctgcttct gctcagtccc ctagaccttg   120
gaacagaggg tcccgcactc acacaggcca tgattgaagc tgaagcgaag agattcctga   180
gacctgctcc accagcagtc agaagactcc acccgagaga cgggcccag gcccgntccg   240
accttttaa ctggatcaga cccgggccct gcacttcnna ttgaaggatg aagactgctg   300
naggtcaccg ccctgcggaa ngctgagncc tgtgatgtgt gngaaangta tcctacgtgg   360
cagagaag   368

<210> 400
<211> 195
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(195)
<223> n = A,T,C or G

<400> 400
gcgacgcaca ctgctcanca nctatgaggt gttccagtta ctaacggatc tcaaagagca   60
gccggagggn gagtgggaag aaacaagcat acccctctgc aaccaaaact aaaaccgccn   120
tcaccttatg agacccttaa agnccttatc aaaacccccc tcgtgggnnc ccagagncca   180
gcggatttgt cccaa   195

```
<210> 401
<211> 232
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

<400> 401
gaactgattt gggaaggnca atgtgatcct atcagtacat aaggaagccc cctgctcatg      60
tcttccacag tggccngngg tgggnntgcc aacatcttgg attacaagag cctccgtgag     120
atcgtggtga accaccagta ttcanctggc tgttttcact acaagtgccc tgctgangtg     180
ncggnggnan aagncaaaat nnnntcctta acnagatatg tgaaaataac tg             232


<210> 402
<211> 177
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 402
ccgctgatag agcagcanaa gaatatncag angnccaact tgatggantcn ngcaaggctn     60
acaggcctca gagcaaggga tgacgggggng nctgatctgc taaatgaggc aangcagana    120
ctcagtnggg gtggtaaaag atacnacccc ncnaccaagn gctgctggat gggctgg        177


<210> 403
<211> 203
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(203)
<223> n = A,T,C or G

<400> 403
gactgaggca taatagtgga tccttgatgt ggaagacgtc cttaccagct ttgacaacac      60
aggaaatgtt tgnatgtnct ntgctcagna tgaantatat ccactagctt tatcaaacca     120
aaaaaatata taaaagganc ttnntntgtg gnacccaggg ggtggncttg acatgcncgg     180
caaggantca tagcttgtta ttt                                             203


<210> 404
<211> 248
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(248)
<223> n = A,T,C or G

<400> 404
aactgaggtg gtgggncttc tcttgcctaa ccagancgct ggcatccact gtcttctggc      60
agtgnctgaa ccagagccat aangnctgng gnaactatgc aaaccgcatt gctaccaagc     120
cttcacctgc atccaagttc atccagggct acctggncgc tgtcatcagt gctgtttcca     180
ttgctatngg gncaatatcc tctccctgac ngagcagggg gtccttacnc caaaataccca    240
tgggggggg                                                             248
```

<210> 405
<211> 320
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(320)
<223> n = A,T,C or G

<400> 405
ttacaggaga attagaatat gctacgaaaa tctccaggtt ttcaaatgtc tatcatcttt   60
ccattcatat ttcaaaaaac tttggagcag atacgacgaa gatcttttat attggcctgc   120
ggggagagtg gactgagctt cgccggcatg aggngggnnt ctgcanctat gaagcgtnag   180
ccaacccagc agaccaccgg gtgcnttnag gtcacccccnc acacacactt tnntttctta   240
agggccagcc ggggctccct nanatgcgct gttagngaaa atgngcgacc acctgctggg   300
gaaggacaga ggatgctcca   320

<210> 406
<211> 411
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(411)
<223> n = A,T,C or G

<400> 406
actgaggatc caaactactg gatacaggtg catcgcttgg agcatggaga tggagggatt   60
ctagacctgg atgacatcct ntgtgacgtt gctgatgaca aagacagaat acacctgcca   120
gatgattaaa atgngcctaa tttantcagc atgggtactt gtncaccaga gatantttna   180
agctaatgtc angngacntc ttcntctatc ctgcanaaaa tgctaaaanc attgaacaga   240
gcngggnnnc actttcaaaa aaatgtttgn aagctnccct nggcttnccc cccaagngga   300
tatttaaaan cccnccccc cccnttttc ttttccttt ngttntgcaa nttaatnntg   360
atantccgtt ctgnaaatgg naccatgggg ccttaaaatt tttaataaaa c   411

<210> 407
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 407
ccactggtca tatgaaggtg nnattgnaac tgcacatgga ttgtcactcc tttcaccca   60
ggacctccgc acctggcatg aagacttgtc ctgggggagg gaaagagctt ttcctgagct   120
tcacccacta gctcctcttt ttctccctac acacacagac cctggggctt acacaagtgg   180
ctgctagacc ctgctgtaat cattaaatcc cacatctcct gattcagcaa aaaaaaaa   238

<210> 408
<211> 137
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(137)
<223> n = A,T,C or G

<400> 408

```
agagaccgca caggaaaaga agctaccgct tggncaanct ctaccttgaa caactcaggc      60
ngcaagagga gganaaggct gaagcccgtg cattcnagga ggatcaggng gccgngcgct     120
tgaaggagga tgtgctg                                                    137
```

<210> 409
<211> 425
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(425)
<223> n = A,T,C or G

<400> 409

```
tctctccttt attgcctact agtnntttaa attggacttt taatatccta ccagcgtgct      60
cttcagacac acatggtgca ttgctgccat tcccgggatt gcatctttga gacacacact     120
cttaggagcc ttcagcaaac aaagaggcca cctcccggta cggctaccgg ggagggagng     180
atcctgaccg ccctctagcc ttggccagct ctggatatga atcctaccat ggaaccgaga     240
ntggagtcct gtctggccca ggtgctgcaa gaaggatgtg ggaaancagg ttgcnggttg     300
accaggaact catagactat ttctcagaca gacnagaaag tccggctgac cttgagcacn     360
accaanaccc tngttnggat aagctttgag natgggactc cgntancttc ttggggtgaa     420
ctcta                                                                 425
```

<210> 410
<211> 196
<212> DNA
<213> Mus musculus

<400> 410

```
gagaagctcg aagcggtctg ggggcctctc cgctacagtc tgcccgatcc ctgccaggca      60
acgcccttg cctcaagcac ttcccgcttg acctgcgcac gtctatggat ggcaaatgca     120
aggagatcgc tgaggagttg ttcagccgct cactggctga gagtgagctt cgtagcgccc     180
cttatgagtt cccaga                                                     196
```

<210> 411
<211> 284
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(284)
<223> n = A,T,C or G

<400> 411

```
ggcctgtccc agaagttcct ctgnngacca ggctggcctc ggactcagag atccacctgc      60
ctacnctgag aattgttaaa atggacggtg ctacacagga agagaccatt ccagtatgga     120
ctggccattg gaaaggacgg cacagtatct ggactgttct gtgtcctnag gatgctgcgg     180
aatgaacaca catctgcgca agaatacagt agcagaaacc acatctcaca cttgataggg     240
gagttggaac tatgaatatt acagtctata ataaataaca cata                      284
```

<210> 412
<211> 199
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G
```

105

```
<400> 412
gactgagata tcttgataat ggaaataata aaatggcaat tcagcaagct gataaactgt      60
tgaagaaaca caaagatctt cactgtgcaa aggttctcaa ggccattggt ttacagagaa     120
ctggcaagca ggaagaagct ttcaccttng nnaacttgga ggatatagtt ggnttgaatg     180
ngctttaaag aaaaacaaa                                                  199


<210> 413
<211> 366
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(366)
<223> n = A,T,C or G


<400> 413
ctgaaagccg gtctctaccg tctaaccacc acgtttggng aacatgtgaa cagctgngca      60
ggcatctgca gaacatcaga aaagacttca gcaattcttg gagttcaaag aatagtgaag     120
tagntataaa cctgtgttca ttacccctgc tgatacaact acagatgggc acaagnnaat     180
gtcgagcatt tcttgggatc agaagagagc cggactaatt agacgctnnc ttttgtcgat     240
gntgctntgc tttgaaaact atactnncnt ggggaggant ncatnggana gaaattctnc     300
ancngantaa ncccgnaaaa ctgcccttct ctngtaccca ngtgcttttt ttgtggggtg     360
ttggta                                                               366


<210> 414
<211> 547
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(547)
<223> n = A,T,C or G


<400> 414
gactgagaga aaaggaaagc aattcaggtt cagacgacta gaatctttcg tgcatgattc      60
ctggcgacag caacgtgaca aggtgcgtgt ccagcggctg gaggtgaagc ctcgtgcttt     120
ggaggtgcct gataaacatc ccttggcctt cgttatacgc atggaaagga ttgaaggagt     180
gagtttattg ggtaaagagc accatcatga aacttggcct gaagaaattg ttcagtggtg     240
tctttgtcaa ggtcacccct cagagtgtaa gaatgctgcg cacggtggag ccttatgtga     300
cctgggggatt tccaaatctg aagtctgtcc gggagctcat cttgaaacgt gggcaagcaa     360
agattaacaa taagacagtc cctctgacgg acaacacggt gatcgaggag cacctgggga     420
gatttggtgn catttgcctg aagacctca tccatgaaat tgccttccct gggaagcatt     480
tccaggaggt ctcttcattt tctgngccct ttcctnctct ctgnggcccg ncatgctacc     540
aggacac                                                              547


<210> 415
<211> 393
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(393)
<223> n = A,T,C or G


<400> 415
agcagcaagt gatccagtct cgagtgaatg accaggaagg ccgagaagaa ttctatgttc      60
actatgtggg ctttancngg cgactggncc naatgggtgg acaaganccg actcgnactg     120
accnngacag tgaaggatgc cgagcagaan aactactgan anatncctga tgtgagctgg     180
ccgagcagcc agagctcang atcactcgaa accaatngcg aangcatgat ganatnancc     240
ntgtgcngan ggcnctggcc cctcccttct cagnacatc acngcttanc catngcnact     300
```

106

```
cncatgtgan nggcagcccn cagggaagga gatctntcna tntgagcanc atcnttgtgn    360
atgacgtggc tggcaaagac cacaagatat act                                 393


<210> 416
<211> 416
<212> DNA
<213> Mus musculus

<400> 416
gactgaggta gccttcatgg ctgtgccaca tcattcgcag gagacttcct atctgctgcc     60
tccagatcca gaggattggg agaaacaagg catcccggac tttgtctatg gccaggagga    120
tctcgttggc aaggaagttc agtggcccag ggattcacct agtgccgtgg acacagtacc    180
actatcccgt ttcgactctg ccctccgctc tgcgtggagg cagcggctgg aactgggcct    240
gtttcggtac cgcctagaag atctgcagac ccaaatcctc cccggttccg tggggtttgt    300
agctcagctg aatatagatc gagggataca gaggaggcgc ccccagaata tcagaagtgt    360
gaggcaggag tttgacccgg aacagtttaa cttcaataaa attcgacctg gagaag        416


<210> 417
<211> 333
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G


<400> 417
ttcggtgcta cagagtctct aatcttaaaa gctgaaggga aagnggagtc tgatnncttt     60
tgncaattag gtcacattca ncctcttatn ggaagatnat ncaaaagcnt tatnntgcat    120
accatgnggt acntacagtn tacagtctga ttactggaag aatcgctgcc tttttatata    180
ggtcttggtt tggtctactt ccattacnat gcattncagn gggctatnaa agcattntna    240
ggaggtgctc ctatgtncga ncccagcttt ttggcgagcc aaggaanntt natttacgac    300
tcnnggctta tcgttcnaag cgaacacaga cta                                 333


<210> 418
<211> 398
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G


<400> 418
aatacaggct tgagcaagag cctgtgagaa gacggatngn gcaagagcga gccagagcga     60
gacgaagatg gcaggaantt gccatgtggt caagagtagc atgaagaact gctgcagagc    120
cctcatttca ttcttcctcg tacacaatga atcacgttgg gatttcattc cggggctatg    180
tacacaaaag tgncangagg aaaatgttct ctactcttgc ataaaaatgt gtccagtgct    240
tcaggaatgg aacttctgct ctgccgggca gggcttcagg gattctgccg ccagagatga    300
aaggctcctc ctcctgtttt atngntctgn aattcccgag gngttaatca tccanccctg    360
gncngctccc cttgnnggga tcctcggtgc tattctga                            398


<210> 419
<211> 376
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(376)
<223> n = A,T,C or G
```

<400> 419

```
tgagggagac aggatggtgn tgtcaaaact tccaagttnt tctcnnagat ntncngcaac      60
ncgggggnca cnatccagaa gnnctacccc ntngtncccn tcttcctcct ggnccactnc     120
atgggcgggt gccatctccn tcctantggc tgnanagagg ccaacctact tttctggcat     180
ggtcctgatt tcacctctgg tccttgccaa tccggaatct gnatcgactt tgaaggtcct     240
tgctgccaaa ctgctcaatt ttgtcctgcc aaatatgacc ttgnngcgca ttgactccag     300
cgtgctgtct cggaacaagt cggaggttga cctgtacaac tctgacccac tcntctgccg     360
agcagggctg aaggtg                                                     376
```

<210> 420
<211> 140
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(140)
<223> n = A,T,C or G

<400> 420

```
ctcctccgaa aaaaactgtt cggtttggcg gaactgngac agaagtctta ctgaaataca      60
naaaggytga aacaaatgac ttagagttgn tgaagaacca gctgtctgat cctgatataa     120
aggatgacca gatcattaag                                                 140
```

<210> 421
<211> 290
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(290)
<223> n = A,T,C or G

<400> 421

```
actgatattg cagtaggtga anaaactata aaggatatgt cagagaataa acaagaagta      60
catccagata ctattacaga tgtggaagct gttatagata cagaggaaga acttattaaa     120
gaatgtgaag aaatgtggaa agacatggaa gattgtcaga ataaattatc acttattggg     180
aactgagaca ctcacgaatg cagatgctca gctctcattt acttatttat gcaaatggag     240
ggggntggac tggctgaacc ttgggncaat ggaaaaaaag aaaccccgaa                290
```

<210> 422
<211> 268
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(268)
<223> n = A,T,C or G

<400> 422

```
tggcgttttt tgatgaagaa taanaaattt aaatttcaaa ccactttcac cttggaggag      60
ctgactgcgg tccccttcgn gaacggggtc ctcttttgca aggtccgnct gctggatggc     120
ggngattttg tcagcttgtc atccagtggt cttcaaatga agatgatgaa ntcttatact     180
ctacntgcnc catgcctgcc tggatgctgc catgtnnctg ccttgatgat aangaactga     240
acctctnatc ctgtaaacta accccaat                                        268
```

<210> 423
<211> 261
<212> DNA
<213> Mus musculus
```

<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G

<400> 423
aagtactgaa ggctttgtgg tgtgtggggg ttgnactcac atggctgcag ccagtgtgac      60
ttcccctggc tccctagaac tgggngggnc tggtttctcc aaaaccctcc tggggaccag     120
gttaaaaccc aagtacctct gttcancctg caaaaaacat cctgcgggag gccctttcca     180
ggccagtgg ggncaccnnn tactggntcc ttctgcctga ccaggatncc tnanggtgtg     240
catcccattg gggggggggt g                                               261


<210> 424
<211> 245
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(245)
<223> n = A,T,C or G

<400> 424
tggccctggt ggctcaggta ctgatgctgg agaatgggct actgcggact ccacccatgg      60
gctggnnggc ctgggaacgc ttccgctgta acatcgactg tgtggaggac ccgaagaact     120
gcatcaggnn aactctttt tatntaaagn tnggnatcna tgacnnaatg gngnatantg     180
accnctgggg tntacnttcc tacncctcta aaantggtgg aagnggggggg cggaaaccct     240
tcggg                                                                 245


<210> 425
<211> 297
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

<400> 425
gccctgattg agcagactga ggaagcagng ccgcactta actccctccc cgaggtgcct      60
ccctggactg gggaggtcaa cccacctctg agagacggcn gtgcttctag ggcgcanctc     120
cttgggaccc ctccgataga tctgccctct tgaaaagcaa actgagggct ctgngnggnt     180
ggccctcgga gcctacnaag atccagctgc ttcggggta ggattgacag gattgnnccc     240
canagtggac tagggttgaa cagnttccgg naccgaaaat aacagccaag ggggaaa       297


<210> 426
<211> 294
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 426
cttttcaccg gtccctaacc tgtaccannt ttgggannag gatggaaatt naccanagac      60
tcatcaagtc cataccactc ctgctccact gcagcaggat caaancanga aggggaatgg     120
gagatgcata gaaaattgga accacagaaa ccaggaagtc tcctttctgg gacagccagn     180
gacgctccag cacctcctcc agncctggt ccttggcaca gcccctccct catggctgga     240
tcctcagatc ataataggggc cttggagcag ggtttgaggg tggggatggg gatt         294


109

<210> 427
<211> 167
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

<400> 427
agctctgcag tgtcaacang gctcaaggan gcaggatgga tcncgatgtg nctaacatgt      60
tngngattgc gggngggacc ctggcnattc caatcctggc attngttncn tctttcctcc     120
tgnggccttc agcactgnta agaatctatt attgggggt gactcag                    167

<210> 428
<211> 248
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(248)
<223> n = A,T,C or G

<400> 428
tgacttacta ccaaatgtgt ggtggatgtt gaagcgaaca aagttattct gaatcctgta      60
aatacaaatc tttccaaagg agatgcccgt ttnntaacna agacannntn gttanganac     120
tnntcatncc ccacatcctn gaaaaccatn nttcnggatg tttgccaagt atggactnng     180
gtnattatat nnntntcaaa aanatttatt caaacaaaat cttaaaggca tccctaagtt     240
aaactgac                                                             248

<210> 429
<211> 276
<212> DNA
<213> Mus musculus

<400> 429
gagacataaa attatgaagg atatcaccag aagctatgta aacatttcat ctaaggacca      60
agagaagttc aaggtgtttt cacaaggaaa ccaaagagac aactgatatg aaagagctga     120
ccgcagtcag agaaatcttg ggaggagaac tagagtgaag gacaaggcga tgagcaggtg     180
ggagagaaaa agcaaacagc tcaaacagat cctgtgaggc gggcgaccca ggacgaaggc     240
tggctttggc gttatctagg taaccccggt ttgttg                             276

<210> 430
<211> 105
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

<400> 430
gagtctgggg agctcctgcn taagtcagac tgagggtaca aaaatgcaga gcaataaagc      60
cttaacttg gagaagcaga atcatactcc aaggaagcgt catgc                     105

<210> 431
<211> 434
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

<400> 431
ggtatggcag ctggcgagaa ctggccaagg ccctagccag caggaacatc ccagccgttg      60
atccgaatct ccaattctac cgtccccagc ggctgagcct caaggaccaa gaaattgccc     120
gaagtaggag taggaacagt agctacctga agtggaacaa gcctgtcccc tggctctcag     180
aggtacaatg tcgctgtctt cagacactcc agaagtagga gtcagatttt gttacggatg     240
gttgtgagcc accatgtggt tgctgggatt tgaactcggg accttnngan gancanncgg     300
gtgctcttac ccactgagcc atctcaccag cccacctctt gtgatcttga ctagaagtac     360
cttcctaacc cagctcttcc actgttttta aataaataaa caaacaaata actcactgac     420
cttaaaaaaa aaaa                                                       434

<210> 432
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 432
tatggatatc aattctcctg gaagaaaaat aagaaggccg gaggggnnct atctgaagag      60
gaagtgtttg gctctttctn ggnaanggnt atgcaaatac tggcaagaat gagcggctaa     120
tgagccactg ctaggtaaac atagtgggag gaaaaccaat anccnctgga cccctcagca     180
cnactgnacg agcccagnct cntccaatca acggaaccca gcaagaaaaa cccctacc       238

<210> 433
<211> 406
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(406)
<223> n = A,T,C or G

<400> 433
ctcctgcatt aagtcagact gagtgtggtt ttgcttgtgg ccatttccag tgcgtttgaa      60
tttggacccg ttgctgggag agaccttgcc atcagagata acagcatttg ggaccagaaa     120
gaacctgccg tacngcgatc ggtctttcca gttcgtgcct tccgtgggga tacagaacag     180
taagtcgctt aataaaactt gctgtctgaa tggagggact tgcatcctgg ggtccttctg     240
tgcctgccct ccttccttct atggacgcan ctgtgaacat gatgttcgga aagagcactg     300
tggggtctat cctcngtngg tacctggctg cccaagaagn gttcccttgt gcagatgctg     360
gcacggccca gctccantgn cttcctcaag accttttcta cctggc                   406

<210> 434
<211> 199
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

<400> 434
agttcctcca tccacaaatn atgcantcga gtttcctcga atttggggtc aatacacaca      60
gagtgcaatg gatgaacctc gctctggaga aatcncctgc atantcatgg natttcccct     120

```
tncaggattt atacagaagc agtcttccaa attctgaaac ctgatgccca tcacatactt      180
tgggctgaga aaagaaaat                                                    199


<210> 435
<211> 114
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G


<400> 435
ctgccttgct ccatgaagtc caggacantn tgacatgcac ttgtttcttg tctcttcatt       60
tgaagaatag tcttcgtcca ctgtgtacat tttttttgt taatagggaa ggag             114


<210> 436
<211> 312
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(312)
<223> n = A,T,C or G


<400> 436
aagactgaag tccgtgcccc tcgcctgcag ctgccatgga agctccttgg accctttaga       60
agcttctcgc cgccatcaca ggagccccag aggatgtgca gcggggtctc cccagttgag      120
caggtggccg caaggggaca tggatgacac ggcagcacgc ttctgtgtgc agaagcactc      180
gtggggatgg gctgcgtaac cattatccac nggcagtcgc aagtcctcgg ccctcattgt      240
cagcgngggg ngcccncgac tttccagttt gtgcagaanc ctgacaagtc tgcccccat      300
ctcaccgtct ct                                                          312


<210> 437
<211> 251
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(251)
<223> n = A,T,C or G


<400> 437
aatatctttt gcacatgant gttctgcctg catggatgac tgtacagcan gctcatgcag       60
tgatgaagga gaccagaaga ggtccttggg aatanagtta caaacaattt tgaaccacca      120
tgtgggtgct gagaattgaa cctatgtcct gtggaagatc agccagtgct cttaaccact      180
gagaaatctc tccatcacct attcttgtgg tttggttttt cttttcttt gngngtttct      240
tttttttttt t                                                           251


<210> 438
<211> 226
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G


<400> 438
```

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atactgaagg cactattgct gaggtagaac agatgtgntt gagatcgagg ctaaactgga      60
caagctggtc aaactgtgca gnggnatgat cgaagccggc aaatcctacg tcaccaccaa     120
caggctcttt gtgagccggc gtccgagacc tgtctcagca gtgccagggc nacaccgtca     180
tctcggaatg tctgcagagg tttggagaca gcctacagga gatgga                    226

<210> 439
<211> 255
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(255)
<223> n = A,T,C or G

<400> 439
atactgaaga ataggagggg gagccccgag gatgacctga ttggaatccc attcccagac      60
cacagcagcg agctcctgag ctgnnngaac gagcagngcc agctnancca tctgtgcgac     120
ctcaccatca ggacgcaggg tcttgagtac cgcacccaca gggctgtgct tggctgcctg     180
tanccactac ttnaagaagc tcttnncggg aggnaggagg gggaaannng gaatgngaac     240
tggggggggg ggggg                                                      255

<210> 440
<211> 271
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(271)
<223> n = A,T,C or G

<400> 440
gaactgagtt ctggcaggtg atctgtaaga cagtgactga ntatggatca tttgaacgag      60
gcaactcagg ggaaagaaca ttcngaaagg ngntaacaat gtgagtgatc cgaagggtcc     120
acccgccaag attgcccgcc tggagcagaa ccggcagccc tctaggaaga ggaggcttg     180
ggagcacagg ttggaaagat gcagggagtg cctttaaanc actcgggcca tctcatgaaa     240
acnggggggta ggaaaggaac catgtttccc a                                   271

<210> 441
<211> 272
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(272)
<223> n = A,T,C or G

<400> 441
ggtctatgtg cactagnagt aattctgnca caatgcctga aataactacc agccatcttg      60
nngaaaaaca ggntcaggnt ctagcggnga tgtgtattct tattgatgaa aatgacaata     120
aaattggggg ctgacaccaa gaaaaaactg gtcaccttaa tgaaaacatc gacaaaggat     180
tattacatcg agcttttagg gggcttcttg ttnaatactg aaaanaagct cctgttgngg     240
gggngatcag atgctaaaat tcctttccag gg                                   272

<210> 442
<211> 285
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
```

<222> (1)...(285)
<223> n = A,T,C or G

<400> 442
atgcagcagc tgccccangc cctgtgcttg gcaacattcc ccccaatgat gggatgcccg   60
gaggccccat cccgnnaggn nnctttcagn cttttatgan accacaatat cncagngcga   120
cncaaagcct ccaantaaaa tgggaaacca tatctatngg aggagttcct gggacacaga   180
tcattgctgc cnaatnccan ggatcccana cgacaacaag gacacnccaa catgggnggn   240
ggaatgcana nnatgaaccc tcccngaggg gatggggggcc catgg   285

<210> 443
<211> 286
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

<400> 443
aaatttcccc agtactgcag aagnacaggn attcaaggac aacctctaca gccaacccag   60
ttgagggcca gcctgttcta tcgagatcct gtctngngga cagaaaaagt ttcatgagan   120
cgtggtgtgt tggcacaatc ttttatttcc gagcacttga cgcattaaaa ttaagggcag   180
atcttcatga tttgggggcg ggccctgggc ttgattccaa agaaccttgt ttccaaaaca   240
aacaaacgaa aaagttgtat gggggggggg gggccaaggg ttttgg   286

<210> 444
<211> 244
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(244)
<223> n = A,T,C or G

<400> 444
gactgaggta cctcctgnat gatgtcaacc ccncaaaggc ttcaatctcc gcagggatgn   60
ctatatccgg gtggcatcct tgctgaagac gctgttgaag actgaagagn gggtgctagt   120
cctgcccccg tggggccgcc tctaccactg gcaaagccct gacatccacc aggtccggat   180
tccctggtcc gagttttttg acctcccgag tctcaataaa aacatccccg ttataaaaaa   240
aaaa   244

<210> 445
<211> 190
<212> DNA
<213> Mus musculus

<400> 445
tttagggac ttcctgaagc tgttttgagt tgtttactta tggatcttca ctgcaagatg   60
gactgttcca atctcagagg aactcttcca gaaacctgta tagactactt tggccttgaa   120
ctcctacagg tgggcctgcc tttgcttcct agtgctggga ttaaaggtgt gtatcaccac   180
aaaaaaaaaa   190

<210> 446
<211> 136
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(136)

114

<400> 446

```
ggcttgggga gatccgcttg tcaggggnnc atcctcttcc aggctgaggg ctcccgttag    60
acactctcac gtttgacatc ttcctcctcg gggcgggtgt ggaccaccgc ctcgcctntc   120
tccggaaaaa aaaaaa                                                    136
```

<210> 447
<211> 236
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(236)
<223> n = A,T,C or G

<400> 447

```
gactgtgcag ttgttgctcc tggtgatgtg gatggctcna atgtgctcac tgccagagct    60
acttcgggnc cagnactgaa cttntcaatg tctgcatggg atgccannca ccacaaagaa   120
aaanccgggc ccctggagga caattttaca cgaccagggg canccccctg ggaagancna   180
attccctggc tgttcccacg aaacaccaag cccaggaagc cacattaagg gacgtt        236
```

<210> 448
<211> 177
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 448

```
aggtgatttg ccgttgagaa gctcgctact tcgcacacaa acaggaggta cggggactca    60
aaccccacat tccctctcca ccctcggcct tctctctctg ctcgtcttca aaattgtttg   120
aagtttgaaa tttcacgaaa ttcattgtag canaaattan gcccgttgta caaatca      177
```

<210> 449
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 449

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cgatcagtag agggaccaga aacttctctg caaagtggcc tgcacaagct caaaccagcc    60
aacgtctcag tgtggacagg gaagggctca tgaagtgcta cccctaactg agaagtcact   120
gacagttgga aggacgagtt ggggttcttc acagatgtgg tccctgaaag gcttacccgt   180
gctcctngtc accagagcac aggaaattgg gaggagaatg ggggggggggg gggataga      238
```

<210> 450
<211> 207
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(207)
<223> n = A,T,C or G

<400> 450
ggctcaataa cattgagcgg cccctgctta tcttcggcac caagtttgac ctgagacagt   60
ggttcctggt gactgactgg aacccactca ccgtgtggtt ctaccgagac agctacattc   120
gcttctccac acagcccttc tccctgaaga gngcngggac aactgagtgc accctcctcc   180
cctgactatc cagactagtg tggaggt   207

<210> 451
<211> 460
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(460)
<223> n = A,T,C or G

<400> 451
gactgaggaa ggattttttgc tgggagaggt aagacaagag gaaactttta gcatcagtga   60
ctcacaaatc agcaacacag agtttctgca agtaattgag atccataacc atcagccttg   120
ttcacaactc ttcagttttt atgattatgc gagcaaagtg aatgaagaaa gtttggacag   180
aattctgaaa gatcgggagg aagaaagtta tcggatggta caggttccgg cgaaacaccc   240
agcagcagat gtcctacagg gaacaggtca tccacaagca gctcacccgc atcctcggng   300
tgccagacct ggtcttcctt ctcttcagct tcatctctac cgccaacaat tctactcatg   360
ctttanaata tgttctcttt anaccaaacc gnaggtataa tcaaaggata tcacttgnta   420
ttcccatcta ggcaatacta gccagcagga gtccaaaggg   460

<210> 452
<211> 169
<212> DNA
<213> Mus musculus

<400> 452
aacagcttgt tgcacaagcc tcaggacctg agttcaattc ccagaaccca tggaaaagat   60
ggaaggagag agctgacttg acaaaactgt cttctgacca ctgtacactg gactggagcc   120
acggactgca ttgtacagga aaataaaaca atttgtatga aaaaaaaaa   169

<210> 453
<211> 464
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(464)
<223> n = A,T,C or G

<400> 453
tgaaggtgaa gcttcctgtt gaagatggca gacccagtat gttctcactg aagttccggc   60
ggcattgaag cgggtagcca agtatgtcat ccggggcttt tatggcattg agcacggtgt   120
tggccttgga catcttgatc cggaacccct gtgtaaaaga agangacatg ctaggagctg   180
ntcaagtttg atcgggaagc aacttcgatc cgttttgaat aatttaaagg ganacaagtn   240
catcanatgc anaatgaggn tagagactgc tgcanatggg aagaccaccc gccataacta   300
ctacttnatc aattaccgga ctcttgntaa tggaagggaa anataagctg gaccncatga   360
aaaggaggga ttgaaacaga ngnagagaaa ttcccccaat cgggcttccc ttcaaatgnn   420
ctgtctgntg cagnactttc actganctaa aaacccatca actg   464

<210> 454
<211> 280
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

116

<222> (1)...(280)
<223> n = A,T,C or G

<400> 454
acctgactgc cgagattgtc acgacttcct ggcctgattc tgcaccgcct gantctgnca   60
gngaccgaca ggctttgttc aaaagnatgc ccaaaccttt ttggccctct gtgctacaga   120
ttacaccttt gcgatgnatc ctccatccca tgatcngcac agggcagnat tgggggcanc   180
cgngctaggc ctagggnggc cngctctatg tctgggggat gaacctnaca aaagttgnnn   240
ggcccgggaa tcacaaggnc nctgaaggcc ccccaggcct   280

<210> 455
<211> 319
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(319)
<223> n = A,T,C or G

<400> 455
gtcttttgcc gcttcatgtc ntccatggct cctcaagaca tttgtcctca tggtaggact   60
tgccactgtt gcgtttatgg tgagaanggt gtncctnaca acagactncn gcaccttcaa   120
nccaaagttt ccagannctg natgggtnga cccanggctg aagctttcta ccananggc   180
atctgaggaa nctctttacc tacagtgaca tctggctctt ccccaaaaat cagcggggac   240
tgtaactctg ncaaactgcg antgaaatat aagtttcngg atgcctatan ccagaacgnc   300
cttccagctg ggaatgcca   319

<210> 456
<211> 367
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(367)
<223> n = A,T,C or G

<400> 456
ccccotgccgg agaagaaatg ggngactgtg ggtagatacc tccctgagga tattcaaatg   60
ggtgcctgtg acagatagca aggagggatt ttgaacttta tacaaacgaa tcgtagggct   120
ggagagatgg ctcagcagtt ttgatggctc agcagttttg agcagtggat gctgttccgg   180
aggacctgag ttcagttccc agcccccaca tggnggctca caaccttcag taactccagt   240
tccaggagat ctggtgccct gttctgacat ctgctggcac caggtagata tgtggtgcac   300
agacggtata tgcagccagt gcaccgtaca cataaaataa aaattgaaaa actggaaaac   360
aaaaaaa   367

<210> 457
<211> 428
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(428)
<223> n = A,T,C or G

<400> 457
ggcttgcccc tgatcagcct gagtctgatc tgaagatttt ggtgtttaag gcattaagaa   60
catagcctga atngttcatg gagtttttca tcagtatgtc tgaaaccata aaatataatg   120
atgatgatca taaaaccgct gtttctgaaa aacactggaa cgaacagcgg cctgggaggg   180
agaatttctg cgacatcgcc ttcgtgggtt gaaagatgta aagttcccga gcccaccggg   240
gggngntcctc gcccgccttg caancacgtt acttttnaan aaagcttttt caannaaacc   300

```
tagaaagtna gaacacgccc cnccccgtn ataagagaat agnatttccc tcccgctnct     360
nacaatattt tngaagaggg tgctgaactt acatngtnnc nccggccagg atttccggag     420
aaaaaggg                                                             428


<210> 458
<211> 430
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(430)
<223> n = A,T,C or G


<400> 458
gactgagatg acggcccttc ttaccaacca aacagaatga ggaatttcgt cccttcattc      60
gaaggcttcc agaattcaaa ttttggcacg cagctacaaa aggcattctt gtggctatga     120
tctgtacctt cttcgaggct tttaacgtcc cagtgttctg gccgatcctg gtgatgtact     180
tcatcatgct tttctgtatc acaatgaaga ggcaaatcaa gcacatgatt aaataccggt     240
acataccatt cacacacggg aagaggagat acaaagggaa ggaggacgtg ggcaagacat     300
ttgctagtta gaagctggac tgattctcac acggactcaa gaacggtttt gagccattgt     360
aacaatgcct ttttcttcac ataaagtagt tgattatgag gaagnngaat tntcttttta     420
agaggagccc                                                           430


<210> 459
<211> 122
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G


<400> 459
atactgagta tagtaagaag acatggtttc cccccacttc cacagcacgt ctaagtttta      60
tcttttttgg ggtccttatc tgtgggccac antggaacan ctgtgaatat cacgctgtta     120
aa                                                                   122


<210> 460
<211> 188
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(188)
<223> n = A,T,C or G


<400> 460
gaactgagca tcttccccac ccccagcccc cangaccaag gacaggctgn gtccagacag      60
aaactgttca gcatcccagt gaatggacaa ttgcactgaa ctccacaagc atcccctgcc     120
ccgtgcccat gtcctgagat ccttatccca gatggaaaag ttaaatcgtg gctttgaaaa     180
tccaaact                                                             188


<210> 461
<211> 203
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(203)
```

<223> n = A,T,C or G

<400> 461
gactgagtat cttcagatga aatggccact gcttgatgtc caagcaggaa gcctccagag   60
cagacaaacc ctcaaggatg ctcgttcgcc gtcgccagca cacatcgttg taagtaacct   120
ctcagtgaga gccncccctc tgttgagggt aaaggatctt ttgatgatta aaaactcnta   180
tttgtctgtt ctttaaaaaa aaa   203

<210> 462
<211> 471
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 462
gactgaggtc ctccttgtgg ttcatttctg ggcaccatgg gctccacagt gtgtacagat   60
gaacgatgtc atggcagagt tagctaaaga acaccctcat gtttcatttg tgaagctgga   120
agccgaagct gttcctgaag tatctgaaaa atatgaaatt agctctgtcc ccaccttcct   180
gttcttcaag aattctcaga aagtcgaccg gttagatggt gcacatgccc cagagttgac   240
caaaaaagtc cagcgacacg tgtctagcgg agcctttcct cctagtacta atgaacatct   300
taaagaagac ctcagccttc gcctgaaaaa gctgactcac gctgccccct gcatgctgtt   360
catgaaggga cacctcaag aaccacgctg tggtttcagc nagcagatgg nggaaatcct   420
tcacaaacac aatattcagt tcagcagctt ttgatatctt ctcagatgaa a   471

<210> 463
<211> 340
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(340)
<223> n = A,T,C or G

<400> 463
gactgagatt tgataatggg ctgcattaaa agtaaagaaa caaaagtcca gccataaaat   60
acacacggga aaatcttaca gagcctgtag gcccaagtgc cagtcattat ggagtggaac   120
atgctacagt tgccccgacc tcttccacaa agggagcatt cagtnaattt taaacagtct   180
ttcnatgaca ccctttggag ggtcctcagg gntgactcct tttggaggag cgtcttcctc   240
attntgagng gtgtcaagtt catatcctac agggtttanc agaggatggg caanaaagtg   300
atactttcct ntggaatnaa gaagccctaa aagtataaac   340

<210> 464
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 464
actgagattc agagtcatgg ngctcagcga ngcgaattta cagacactaa cagagtnttt   60
aaagaaaacc ctggatcctg atcctgccat tagacggnca gctganaagt ttctcgaatc   120
cgtagaagga antcagaatt acccactgtt gcttttaaca ttattggaaa aggcacagga   180
tantgtcatt aaagtatgtg cttcagtaac cttcaagaac tatattaaaa ggaattgg   238

<210> 465

<211> 276
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(276)
<223> n = A,T,C or G

<400> 465
gactgagact ccagttctca tctggctccg tttttaaact cccaccttgt cactcatctc   60
gcctccttgg agtgacatca tgaaggtggt gaacctgaag caggccattt tgcaagcctg   120
gaaagagcga tggagtgact accaatgggc aatcaacatg aaaaaattct tccccaaggg   180
agccncctgg ggactttctc aacctancaa aagcgctcct ggagcaggct atgatngggc   240
cttcccccat tcctttgatc ctgtcgtacc tgaaga   276

<210> 466
<211> 167
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

<400> 466
aactgaggtc gcagacactt tgtgaaanga gtgagtcaga gacgacgacn taccccngct   60
ctcttcccat accttagcag ctgnccagga gttttatgct tgagcagaaa ccaatccgtc   120
aaccccagag gggatgataa attataacgg ttggggtaat tagagga   167

<210> 467
<211> 116
<212> DNA
<213> Mus musculus

<400> 467
gactgaggtt agaaagaatc aaacaatgca gacataattc atctccttaa agattgcgcc   60
ctagtacttg aaatgctttt tatttaaaag agtagtaaaa atggaaaaag aaaaaa   116

<210> 468
<211> 390
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(390)
<223> n = A,T,C or G

<400> 468
gactgaggga cagagtcatt acagttgaaa ctacagagta ttctgctagc agccttcaga   60
tgaagatgta gaactctcag ctcctcctgc accatgcctg ccgggatgct gccatgctcc   120
tgccttgatg ataatggact gaacctctga acctgtgttg atgtgctgtc gggacagctc   180
tggagcaccc ttaaagtcca gctcttccat ctccgcttca tagaacttgc ggcagaaatc   240
tttaaaagac tgaaacaggg caacacgaaa gtgattagca ccaacagcct cctttccagt   300
gcacaaatc aaaatatcaa aatgtaatgg gngnacagat ttgattngca aagaaaaang   360
nggaaatgta taaaaattca aaaaaaaaaa   390

<210> 469
<211> 266
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(266)
<223> n = A,T,C or G

<400> 469
actgaggagg tgcccagaca tgggtgactg gagcgccttg gggaagctgc tggacaaggt   60
ccaagcctac tccacggccg gagggaaggt gtggctgtcg gtgctcttca ttttcagaat   120
cctgctcctg gggacagcgg ttgagtcagc ttggggtgat gaacagtctg cctttcgctg   180
taacactcaa caacccggtt gtgaaaatgt ctgctntgac aagtccttcc ccatctctca   240
cgtgcgcttc tgggtaaaaa aaaaaa   266

<210> 470
<211> 212
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(212)
<223> n = A,T,C or G

<400> 470
aatggaggct gaagagttaa ttggcagcag tgtgacgatt gattccatca tgagcaaaan   60
gagagntntt anaaatatga tatgtgaaga ctgtactgat gagctaagct tgtctaaaat   120
ccttgtgccg atcacaccga aactggntaa nccaaaatta tgagggttgg ggaacacccc   180
anagaactgg ctgaattttc ttgctgaaac ta   212

<210> 471
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 471
ggacctgccc tgcctgctac nnnganngtn nnnnacagga ccataggtgn ngcaagacct   60
acagcancct gntcanagtg gtgggacgtt gcattcccan cccagatctg atcgtcttac   120
tagagcagga gaagngagcc cctgnatggc ttgggaaaaa agaaacaggc agcccgagcc   180
caaggttttg gagacaggnt ttccnancct gaaaatnaga nctccaaaaa atcatgtt   238

<210> 472
<211> 364
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(364)
<223> n = A,T,C or G

<400> 472
actgagagaa atgcaggcag nagntcagga tggnaccgaa gattccgatt tttctacnga   60
tctcnagcat acagacagnt nanagagtga tggcacctcg cgccgatctg cccgagtcac   120
ccgctcctca gccaggctaa gccagagttc ccaagattcc agccctgttc aaagatngnc   180
agtctttngn aactgnggag cctgnctatt ctaccagaag ggtgacccgt agtcagcagc   240
agcccacgcc agtgactcca aaaaagtacc ctcttngaca gactcgctca tctggctctg   300
aaacggagca ggtggtggac ttttcagata gagaaactaa aantacagct gatcatgagg   360
agtc   364

```
<210> 473
<211> 244
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(244)
<223> n = A,T,C or G

<400> 473
actgaggttt aagtgcccca tttgttccaa gtctgtggct tccnatgaga tggaaatgca        60
ctttataatg tgtctgancn ggnctngngc tgtcctacaa tnatnatgtc cctnactaaa       120
natgccgggt gagtgtgcta atctccctga agaanctgct tcaggnggnc acaatagcca       180
gcctgccttg ccttgtncat ctataacaaa agnctgcnta anctcatggt ttagaagtga       240
acag                                                                    244


<210> 474
<211> 368
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

<400> 474
gactgaggtc tactgctgct ntgctctaca ngggttactt cctccaggac tgccanctgt        60
nngatcanaa taccgtgaca ctggtgtggc ttgaagnata ttnacncctc nccngagaat       120
ctctaangct acntactcac ccacttctga naggcgtcaa aggttccaan cgaacnctgc       180
ctggntcact agcatcagaa tttcacagat ttaggttcat tctncttgcc tcagaaattg       240
atcaaggggc acattcccct gatgttaact gcaaaccttg acgagtctct naagacagnt       300
caanctcan ncncgntttg ggctttctga acctctgggc caccttcagc tccatttcct        360
tgacaagg                                                                368


<210> 475
<211> 374
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(374)
<223> n = A,T,C or G

<400> 475
gctctggaag ctatggacca gcangacctt ccagaagaga gagaccgatg gcagtgggtg        60
aactgataag ggccctaggt aggctnaaag tgnccacgga ccaagatagc attgaatttg       120
gggcatctgg gggctggctt gactttataa attggacctg ntaagcnagg ttcctttgga       180
ctgggaatgn aaagaaggtg gtcacttgnn naaataaatc tggatggccc ttggggcnta       240
cccncgnccc ccggggngtt ttctgggaag cnagtngnga aaaaggggt gccttttaa         300
aaaagttttt nttgttaacc aactgggccc ccaccnttt aaattnttgg antttaaaa         360
aaccccttt ggaa                                                          374


<210> 476
<211> 275
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(275)
```

<223> n = A,T,C or G

<400> 476
gactgagatg gtggaccggg caagattact gcttgctgcc ttgagtgana gtgggattan   60
tccgaatgac ctctttgatg ttgatggtgg agatgctggc cttgccaccc ntacnccccc   120
ttcanttcaa cagaagcngc ctccatccac ttcaacagct ngggctgaa tcacaataan   180
tcaacttcca tctttgngat ntnccaatan ncnatgactc actcccccnc ctgctaaata   240
cgaaggggga naaccntcac ctatgacaaa ttatc   275

<210> 477
<211> 394
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(394)
<223> n = A,T,C or G

<400> 477
gaaaaccggc cattgaatag aatncacngt caagccgann atncnanccg gannatgtga   60
ttatncangc tanngngcat atgctactgg agacnacaaa gcctgtttcc ctcggancca   120
atccgctggc ttaaattttg cagaganaat cacgtcagnc cncagaaant cttcctctgt   180
agccatctgn nanncnnngn gtntnaanta aatgactgtg nctaatcagn ncacagcctc   240
atggagantg actcctaccc ctctgttcct gaggtccaaa atgnacttan atctgctgtc   300
ccanagccag aggaggctca cntagacctc ggaggggggac tcttggaagt cactggcttt   360
cctttcccct tgctgccaag accatattct gaag   394

<210> 478
<211> 429
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(429)
<223> n = A,T,C or G

<400> 478
gactgagatg ggctggttaa aagaaaagca gcttatcgaa ccgaggtgag cgatgaagac   60
atccaaacaa tgccatgctg tacaccggga gcactttcta tttgcctggg aaactacgag   120
cggagcccct ggatgccatt ccactcgaag gcccccaagt ctcctaaggc actgcaagta   180
agaaggagcc gggctcacca tgaattcact ttgaagtagg tgggaacttg ccacgacgtc   240
cctnagctgt gaccgtgtga gaactcggct ggctgactgc aggtattcca tggctacctt   300
ctcccggggg gttgagacgg ncacaaaggg ttcnacactg cccaggctac tcatgtccag   360
cgtaagagat acattggaac ctcgnctaca tgggggaaag aatgntatta catttaaata   420
ttcatgaat   429

<210> 479
<211> 143
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(143)
<223> n = A,T,C or G

<400> 479
tatgctggat gagcagtggg naccatctan atcgcataga agaaggcatg gaccaaataa   60
ataaagacat gagagaggca gagaagactt taacagaact caacaagtgt tgtggcctct   120
gcatctgccc ttgtaatagg gcc   143

123

<210> 480
<211> 249
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(249)
<223> n = A,T,C or G

<400> 480
```
actgaggatg ggatgcgtga agtccaggtt cctccgagat ggaagcatgg nctcnaaaac      60
agagccaagn gccaatcaga agggccctgt gtatgtgccg gatcccacgt cctccagcaa     120
gctgggacca aacaacagca acagcatgcc cccagggttt gtggagggtg agtatctagg     180
aagcttgggt ctcagcatca nnatacatnc attancttag attctgagtt gtaactgatg     240
gggggaaagt                                                           249
```

<210> 481
<211> 407
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 481
```
tgttgggcct taagaggccc caccggtctt tctttgagtn cttnatccgg acactcatca      60
tcgtgggcac tggcctgnct gaggntcctt tnttcagtcc tncatctgcg atggccacnt     120
ggcctcctaa tggaaggatc atctcttttg gggcttgngg aactttctgc accatcggga     180
aaccacagtg gaaccacatt gtcttganna gacctgagcc cagggcccca tatgccccgg     240
gcgtgggctg gtagnncatg ggncctnanc ncgccaagtg gnggncccgc cattggcnag     300
nnggtgngcc ttnccaattt tcccccttg gaaaatgctt cattggtngn cccaaggngg     360
ggtaaaaaag tnccgttnac gggacaaggn gggcccatcg ggttcct                  407
```

<210> 482
<211> 143
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(143)
<223> n = A,T,C or G

<400> 482
```
tgatgaaaaa ggagattnta tgagcagatg ancggtcctg tnacctncgg ctnccgccag      60
nanaatggtg ccggcgtnat cctccgagnt gttgnaagag ccggagagan catccagaat     120
tccttgggtg gaagatgagg gcc                                            143
```

<210> 483
<211> 171
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 483
```
agacaacggg aggcaccaca gaagtctgtg gaaagaacag nagatgaant gnccaganct      60
```

```
ggccttacag ggccttcaca gagaacgtnc cacccgctgn aaactgatgc cgggctcctt     120
ccccncggga cggagtcttc aaacatatng gggataaaaa tgtttcctgg t              171


<210> 484
<211> 531
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(531)
<223> n = A,T,C or G

<400> 484
gactgagaac tgtgcctggt gatcttgntt gcttcagtgc atctacaaca tcggcctact      60
cctccctgtc ggtgattgag atgatctgtg ctgctgtctt acttgtcttc tacacgtgtg     120
acctgcactc caagatatca ttcatcaact ggccttggac tgacttcttc agatccctca     180
tagcaaccat cctgtacctg atcacctcca ttgttgtcct tgtagaagga agaggcagct     240
ccagagttgt cgctgggata ctgggcttac ttgctacgtt gctctttggc tacgatgcat     300
acatcacctt tccctctaaa ggcagcaaag acatacagca ggctcccact gaccccactg     360
atgggcccgg tgatcgtctt tcagctgtct ctgctacctg gncaataggc tcctccatca     420
aaaaactttc ctcctgnngg ggcggggggg gggctccgcc tttcctccaa agctntcagg     480
agggagaagg cagggnggat ccctggngaa gttgaggcca gggctacaca g              531


<210> 485
<211> 483
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(483)
<223> n = A,T,C or G

<400> 485
tttaagcccg cgccctccgg gtccgctttg cnggatcncc gctagnctgg acctgncacg      60
cggaccgcac ggngagctnc nggnaanggc agaganngac ngagtcgaan gnctngctct     120
ccntacncac atcgcccggn tagnctctcc tacacancgc tgactttcan aaggagctgc     180
tctcctcaca ccttggacgc cgccggaagc tncaaaccgc gccgcactaa cgccgccgac     240
atgtttccga gccccgccca cacgcggnga gctacttccg ccctggcgga gttcgctcct     300
cggcagaaac tggagcagga gctcagggtt ccgcagcnag cggaagtgct gccttagaac     360
gcangctcaa tggctttcct atanccccgg aggancgggg agctaggggc ngtgtccnaa     420
gcgcanaaag ccacagttgt tcaattttct aagcaacagg nctctggtga tccaggcttg     480
tgg                                                                   483


<210> 486
<211> 356
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(356)
<223> n = A,T,C or G

<400> 486
caaatccgga gattgccagg aggcttctcc tcanaggtgc taatcccaat ttgaaagatg      60
gaactggttt tgctgtcatt catgatgctg ccagagcagg tttcctggac actgtacagg     120
ctttgctgga gttccaggct gatgttaaca ttgaagataa tgaagggaac ctgcccttgc     180
acttggctgc caaagaaggc cacctccctg tggtggagtt ccttatgaag cacacagcct     240
gcaatgtggg gcatcggaac cataaggggg acacccgcct tcgacttggc caggttntat     300
ggaagaaatg aggtcattta gcctgatgga ggcaaatggg gttgggggag ccacaa         356
```

<210> 487
<211> 220
<212> DNA
<213> Mus musculus

<400> 487
tgaggtggga ccccggggggt agagctcaag tccccaggct tggcagcaag caccgttagc   60
tgcagcatgt catggtttag tggcctcctg gttcccaaag tggatgaacg gaaaacagct   120
tggggggaac gcaatgggca gaagcgccca cgccacgcga atcgagccag tggcttctgc   180
gcacctcgct acatgagctg cctcattaat aaaaaaagaa   220

<210> 488
<211> 179
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G

<400> 488
cgggcactg caagatggct cacnagataa tactnaactg ctttgatgtg acccttgccc   60
cttcattnac anacnggggg tcctttanac tcccagccct gggcacacac accactcact   120
gaacacccca gnctgaatag nttattttct cantagncac cagagggtgt gttcacttg   179

<210> 489
<211> 104
<212> DNA
<213> Mus musculus

<400> 489
gactgagagt cactgttcat tttatttcaa aatcggagca tgttcgtcat ggagacagat   60
gttctcggtt gcacaataaa ccaacctta gccagaccat tgtg   104

<210> 490
<211> 384
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 490
tgagctcttc cccaacgccc ctacgccaat gtctccancn gncacaaacg tgaatgangg   60
actntcncan tnctcttcaa natncanang ggcnctgngn ananntttcc agggangagg   120
gttatgactg attgcgggac atgccagatg gtaccttctt agttcgtgat gcctcaacga   180
aaatgcaggg ggattataca ttgactttga ggangcgngg aattgcctgt atctgcagga   240
tctntaatat gtgatgatgccc tcgttggcac ctccntannc ncnggcataa tctaaaatgg   300
ngnaccttat tacnctctac caccacaagt ctctcgctca gtccaatccc aaactcgacc   360
gngaanctgc gtacccagtc tcca   384

<210> 491
<211> 546
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(546)
<223> n = A,T,C or G

<400> 491

```
ctgagggtga cacttcccaa atctcctcag tcctgacccc ggcatcatgc atcggaccac     60
acggattaaa atcacggagc tgaaccctca cctnatgtgt gccctctgtg ggggctattt    120
tattgatgcc accaccattg tggaatgctt acattccttc tgcaaaacct gcatcgtacg    180
ctacttggag accaacaaat actgccccat gtgtgacgtc caggtccata aaactcgacc    240
actgctgagc atcagatcag acaaaaccct ccaggacatt gtctacaagt tggtgcctgg    300
gctttttaaa gatgaaatga aacggcgacg ggacttctat gcagcatacc ccctgacaga    360
ggtccccaac ggctccaacg aggaccgagg cgaggtcctg aacaggaga aggggggctct    420
gggtgacgac gagattgtca gtctttccat tgagttctac gaaggcgtca gggaccgaga    480
ggagaagaag aacctcacgg agaatggaga tggggacaag gagaagacag gagtgcgatt    540
cccta                                                                546
```

<210> 492
<211> 426
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(426)
<223> n = A,T,C or G

<400> 492

```
gactgaggtc ttgtccaata aacatgtggc tcctgaccac ctactacaga tatgccagcg     60
catcggtccg atgctggata aggaggtccc gcccagtatc tcaagagtca cttctttgct    120
tggtgcagga aggcagtctt tgctacgaac agcaaaaggt accttaattt gaagaagtgt    180
tgngctttgt attagtagct tacattgcag ttgggaagct gtgtaaacac cgtggaaggt    240
ttgcagtgcc atggactgac tatacacttc tctgcattag tgnaagatct ccgaatttta    300
nccatgcgct tgatgggtcc tcccntttca naaaacgtaa aatgttaagc ctgaaaagct    360
tgnagtttaa catggggctt ggaggtttta tcaanggnga gtncttaatt ttttccatt    420
ttggaa                                                               426
```

<210> 493
<211> 478
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(478)
<223> n = A,T,C or G

<400> 493

```
ctgaggatcc actgaccttg anccactcca aagctctctg gagtcagaat cagctggctt     60
cctctagccc cactccagga tcttttcccc agggcactga aagcctcagc ccttggcaga    120
tangaaacgt ctgggcaagg gtnnacaggc acactggcaa cctgtgtgag taangagcgc    180
acactgaact gcccatnnca ccaacaccct cctttaccct ctcctgntcg ctctnggccc    240
tattcttgct ntgtgtgtgg aaagaggttt tcactcaagc atnagatgga gacacattac    300
cgagnccaca caggagagaa gcccttgtcc tgtagcccta tggtcctcag cgctcncggg    360
atttctctgc catgaccaag cacctgagga cacatggggg ctgctcccta tcgatgccct    420
ctgtgcaggg atggctgccc tagcctggcc ttcatgnagg ngcacatgcg tgggcact      478
```

<210> 494
<211> 454
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(454)
<223> n = A,T,C or G

<400> 494

```
attgaggaac agaggttaca cctgggcccc gagaggctct ggaaactcct ccccaagcac      60
aaaacccaac tgtactaagc tttttgtgag ctatttcagc ccagaatggc tgtggaatcc     120
agagcaattt caacctttaa aacctcagga ccatcaagaa gaattaatnc tagtgaaaat     180
ngaagatagt agcttttctt gaagtcagan atgtaaacag aatgggagng cccaaatctt     240
gccnggaatt atttcgccag caattcagga agttttgcta tcatgaaaca ccctagggcc     300
ccgagaggct ctggggcgac tccaggaact tttgccatca gnggnttaat gccagagttg     360
cacacaaagg agcagatcct anaactgtta gtgctggagc nagtccctga gcatcctacc     420
tgaagagctg aagatanggg gttcaacaac atgg                                 454


<210> 495
<211> 104
<212> DNA
<213> Mus musculus


<400> 495
ggcctctcag ccccaagaaa gaccgtgtga atcattgtct aacaatatgt gaaaacattg      60
tggcacagtc tctcagaaaa caaagaagaa gaagaagaaa aaaa                      104


<210> 496
<211> 272
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(272)
<223> n = A,T,C or G


<400> 496
actgattcgg tattctaaag aaatggaccc ttccttccaa atgagaactg catatggacc      60
acaggacatc tatacagtga aagctgtgct tctggggctg gagagatggc ttgaaggtta     120
agagcactgg ctgctctctc agaggaccca ggttcaattc ccagaaccac atggaagctc     180
acaacttct gtaactccgg ttccagggga cccggcgcac atgcaggcaa aacgccaacg      240
ctttagaata aaantaatta aaagagaaaa aa                                   272


<210> 497
<211> 102
<212> DNA
<213> Mus musculus


<400> 497
gactgaggtt agattcagaa caagaaagtg gacatatcca aggtctcctc caagtgtggg      60
tccaaagcta atatcaagca caagcctggt gaaaaaaaaa aa                        102


<210> 498
<211> 349
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(349)
<223> n = A,T,C or G


<400> 498
ctctgcacac tactgaactg gaccgangnt atatccagga aacgcttgta agtggatcga      60
gctaccactg ctgcctccta tgaactgaac tgatgatttc ctgacaangc agatgggatn     120
tactccaaag ancaactgct aaacaggncc acttccctgg tatcctanta acctttcttt     180
tntactcgct ctggnggatg atgggctana nggaaggtta nagcatttaa gancctatna     240
naagagccgg gngtggnggc acntgccntt natcccagna ctanggaggc agaggcnggn     300
ggatgactgn gtttgaggcc ancctggngt acagagagag tgccaggac               349


<210> 499
```

<211> 413
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 499
```
ttatctcagg ccggtcctgc cccgggggac ctgctcctca acgacatcat ggtgnccctg      60
gnccnacctt cttncgccag caggatgggc tgctacgggg tggctacnag gcacaggaac     120
cgctctgccc ggctgtgcca ccgaggaagg ntgtcccagg cantagcttt acctatgtca     180
ntgaggactt ncggacagag nctcctccca gccccagcag agatgttgaa gatccccggg     240
aacatcaggc acacaatgcc cacctccgtg ggcccccacc aaagctcatc cctgtntctg     300
gaaagctgga gaagccttgg ntgncctgna actaactggg cagaccaggg ctgncctgna     360
nctcacagag atctgtttgc ttntgcctcc cgagggctag gataaaaggc att           413
```

<210> 500
<211> 265
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(265)
<223> n = A,T,C or G

<400> 500
```
gactgagatt ctccaaacac atagataaac acanagatcg anaacaccgg cataaggagc      60
acatgaagga taaggataag gaccgggaaa agtctaagca tagcaacagt gaacataaag     120
attctgaaaa gaaacacaaa gagaaagaga aaaccaaaca caaagatggc agctcagaaa     180
aacataaaga caaacataaa gacagagaca aggaaagacg aaaggaggaa aagattagag     240
ctgctgggga tgcaaaaata aaaaa                                           265
```

<210> 501
<211> 377
<212> DNA
<213> Mus musculus

<400> 501
```
gactgagggt tcttaaggcc cgccccgccc caagccccac ccacagcgct ggccccgccc      60
accatgtcga tgaccatctt gcgcaggctc tgccgctggc gcttgctgag gttctggaag     120
atgtcgcagt tctcttcttg cagcagcttg aatcccacag ccaggtggtg gttctcaagc     180
acagactcat cgttgtacat caatgccagc tccgaatctg cagagtacca cgtggtacca     240
cctgggtacc aagccccgcc ccgtgcgcgc ccagtctcca gttggcttca ttttcagact     300
gactagtccc agccccctcc tctgccacat cggtgcttca ccaaataaac caagcatcag     360
gcgcctaaaa aaaaaaa                                                    377
```

<210> 502
<211> 325
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 502
```
gaactgagag ctcttccctg ctcttctggn cagccagtgt gtgcagaatg ccccacaaga      60
ttggatttgt agtggtcagc tcctctggac atgaagatgg cttcagtgcc cgagaactaa     120
tgatccacgc accaaccgtc agtgggtgga gatcaccaaa gtaaggctgg gctgaggggt     180
```

```
gggcatgaga gcgcatctct gagtgaatac atggtgggct ttacacctcc tggtccaaaa    240
acatgaaatg catgtctaga cagctatatg gtatatttca gtgaaaacta aattaaatca    300
ttaaaattaa agtacaaaaa aaaaa                                          325


<210> 503
<211> 257
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(257)
<223> n = A,T,C or G

<400> 503
gaggttcctg aaggcttcaa aggaaacctg atagaggagg ctcaatggcc ctgagtgaag     60
atgaggctga ggcagaagtg tctgtcaaca caaaggtccn atcctgtggc aagatggagg    120
aanacaggcg ttgctgcctt ccaggancta catnacagct nttcaatgcn ttctggaact    180
ataactgtac tnntcatgca caggaggntn nacantgnan nacttccntg ctaccnctgt    240
gatccatgtg aggtgtt                                                    257


<210> 504
<211> 152
<212> DNA
<213> Mus musculus

<400> 504
tgtgtgcaca gctgcccacc cagtactgga cagcatcagc atcattgaca ctcctgggat     60
cctgtctggg gagaagcagc gcatcagccg agatttattt attattatac agtgtactat    120
ataataaata aataaatctt taaaaaaaaa aa                                  152


<210> 505
<211> 395
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(395)
<223> n = A,T,C or G

<400> 505
acactgcaga ggaaacccga attgcttggt tggcattggc gagcacattt ggttaggaga     60
gatagatgag aatagttttc atagcattga tgatcccaac tgtgagagga ggaaaaagaa    120
ttcctttgtg ggcttgacta acctgggagc cacctgctac gtcaacacct ttctccaggt    180
gtggttcctc aacttggagc ttcggcaggc gctgtactta tgccccagca cctgcagtga    240
ttacacgaag ggagatggga tccatggggg aaaagattat gggcntcaga cttgnnnnna    300
ncatnttaaa aacttgttag ctttgttgca aaacaagtaa caanacgata catnggatcc    360
ttcaggattt gttaaagcct tgggcttaga tactg                               395


<210> 506
<211> 475
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(475)
<223> n = A,T,C or G

<400> 506
tattggttac cgtcagagct agantcccat cactgtcctt caaaatgcaa tggaatgtac     60
cacggactat gtctcggctg gcactcagga cattcgtgga agcacagaaa gccaggctct    120
```

130

```
ttgatcacca ttggcgcata aaagggccgt tacttgtgca tagaggtgaa tacagagttg      180
gcttggacac cacaccttcg aaagcagngg ctacatttat ctgctgntca gtgccttgca      240
nagnaaagga atctcttaaa tgctcaagcc gcgctaagtt ggggaccctt gcgccaggaa      300
acgaagggag nngnacattt tattccaana gggtttttat cttccagntc cacatcccag      360
ganactncat cagaaaanga aggnagaaac cnggacnctt tacaanacaa cttctatcag      420
gnctgtatca accggtntaa gaaagacatt tagacaatta tgggaaaagt tggta           475
```

<210> 507
<211> 487
<212> DNA
<213> Mus musculus

<400> 507
```
gactgagata ccattaacaa ggacactaag gttcccaacg cctgcttgtt caccatcaac       60
aaagaagacc acactctggg gaacatcatt aaatcgcagc tgttgaagga cccgcaggtg      120
ctgtttgctg gctacaaagt ccctcacccc ttggagcaca agatcatcat tcgtgtgcag      180
accaccccag actacagtcc ccaggaggct ttcaccaacg ccatcacaga cctcatcagc      240
gagctctccc ttctggagga gcgattccgg gtggccatca aggacaagca agaaggaatt      300
gagtagcagc tgaaagaagc gttgcttagt ggctggaagg ctggcacata ctcctcaggg      360
cccttcagtt taccacatgg cgacagccac tctcagctct ctagctgggc acggggctct      420
gccccattct gtacatagac tgttgttttc ctaataaaag cagagcagaa aatgggaaaa      480
aaaaaaa                                                                 487
```

<210> 508
<211> 455
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(455)
<223> n = A,T,C or G

<400> 508
```
gctggaatta cagtttccca ccgttcgtgg ctcagattgg gttttgaag ttgatcaagg        60
agccacggcc tncagcacag ccctactgcc agcaccatca gaggttctga accaccccgg      120
gaacgctcaa ttggggatgt caccacggca ccatcagagc ctctccatcg cccagatgac      180
cacaatttga ccaacttaat cattgaacat ggcggtaagc catctnggaa ggccttccca      240
gtcctggaca ttgactaccc tcacgtgcgc acaccctttg agatctccct ctggattctc      300
ctggcctgcc tcatgaagat aggtaccgag cctgctggct tgccgaagcc tcctgcagtc      360
ctgcactgaa gaaccatctn ctccctccaa gctgcttttn ttttcctttt gcctttttcn      420
aaanatcnat tttattttat atatatgaag catcc                                 455
```

<210> 509
<211> 514
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(514)
<223> n = A,T,C or G

<400> 509
```
agaccagtgt ctcttcacca gcacccagng taaggtctgc tgngccatgc tgatttctga       60
gtctcagaag ctggcgcatt accaggtagg caatttctac tgtcttcgtg cgcttacctt      120
ccaggcccag cactaaggcc tcgctgcttc tgccttacac agtanaagct ccttgcacag      180
ntaccagatg tttccttcat acgtgtttgc tagggctnga aattgactta gtttctgtga      240
ctgncatctn gcccatgcaa gacagtatcg ttgnatgcan atcttgccgg acaacgtgat      300
gcantaggaa gtntgagctt tggctttacc tanaccagaa tttgaagcca accccgttat      360
tcattgnagg caagaaattt caccatactt ggccttagct tcatcttgta cacaatanca      420
gtgttntcat agattgtngg aggctaaatt taatagcatg taaagggcct agcacatggt      480
agggactcaa taaataaagt tttcttcccc caca                                  514
```

131

```
<210> 510
<211> 157
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 510
atgtgttctt ataagcacac acagnggctc acacctgtng gcccgttctt gggaagnaga      60
ggtgggaaga ttgctgtann tnganaccaa cctgggctaa gnacattana gggaccctcc     120
tttaaaaggg gaanntatnt tcctcattgg aagaaca                             157


<210> 511
<211> 444
<212> DNA
<213> Mus musculus

<400> 511
gactgagctt cctcattgtt ctggtctgcc tcatcttcag tgtcctgtcc actattgagc      60
agtatgccgc tctggccacc gggaccctct tctggatgag gacccatgga agacttctga     120
agccgatcac ccatggagct cctattaaaa gaaaggacat gcatgcctta cactattgag     180
acagatgtgg gtgttctctg atccgaactt actgcaaggg ctgctagtgt ttgcctggca     240
tacatgaatc cctgggttca atctccagtc tgtataaact gtgcacagtg tacacacctg     300
tgatcctagt gctgggagat gaagagagag aggagcactg gaaggtcaag gttatccttg     360
gctacataga gtttgaggtc agcccaggct ccatgagact ctgccccagc aatagcaaca     420
acaacaataa caaaaataaa taaa                                          444


<210> 512
<211> 508
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(508)
<223> n = A,T,C or G

<400> 512
gaactgaggc cctgancttn atcatcttct tngcttcacg gcctccatct ctgcctacat      60
ggctgcagcg ntgctagagt tcctcatcac actggccttc ctcttcctct acgccacgca     120
gtactaccag cgcttcgata ggctcaactg gccttgtctg gacttcctcc ggtgtctcag     180
cgccatcgtg catcttcctg gtggtctcct ttgctgctgt gacctcgagg gagggagctg     240
ccattgctgc ttttgttttt ggcatcatcc tggtctccgt ctttgcctat gatgcattca     300
agatctaccg aactgagctg atgcccagta ccactgaggg ggaccagcag tgattccagg     360
gttacctggc tcccacgacc agacacaagg aaccgnggag cccatctttg tcatctttga     420
attcaccgaa ccccaagtac ccaccatcta tattccacgt tttcaganat gngcgcttga     480
naagncccag gcacctgggg gaactggg                                      508


<210> 513
<211> 424
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

<400> 513
gactgagttt taagctataa cattaatcat gagtgaccaa atcaaattca tcgtggacag      60
```

132

```
cctcaataag gagcctttta agaagaatta taacttaatc acatttgatt ctttgggacc      120
aatgcancta ttgcaagttc tcaatgatgt cctggctgag attgacccca agcannatgt      180
tcatatcaga gnggnnatgc cagagcagac ngccaaacga ctgatgaatc ttcttggtnt      240
ccttncgnac aaacctccgg gaaatgccac ngacatgagc nccttccgtc angncttggt      300
gattggaagt aaacctgtna ttaacccagn gctccactgg cttcttcagc ggagtantga      360
actaaagaaa agggnntatt tagctngttt cttaataaaa ccggaggtgc caagtgagtt      420
tctt                                                                   424


<210> 514
<211> 310
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(310)
<223> n = A,T,C or G

<400> 514
gactgaggta caccaggggt tggaaaacca cactaggcaa agaacttgca tcaagatcag       60
gcctgaagta cgttaacgtg ggagatctag ctcgagaagg gcanttatac gacagctacg      120
atganganta tngntgnccc atnctaaana aggataggga tgcacnatna gttngancat      180
ctcctgcagg atnggcggga ttgnttgtng attacccacg gagtganact tcttnnccna      240
ncgctgggnc tatntantgg tnagcagtca gtgancagat gatggtgtat tgtataacac      300
gacttgctac                                                             310


<210> 515
<211> 353
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(353)
<223> n = A,T,C or G

<400> 515
gactgaggga aagtcatgga ggcttcagga tcttcttccc agtctcaaga cagtggtgga       60
gtccacaggg aaacggaaga tcactgnncc gaccatgggg ancacggaan atnaagggaa      120
ngcccntgag cnatatanna nagacaagtc ttcctcttca tcctcatnct cntcatcttc      180
ttcctcctct tcctcctcat cttcttcctc ctcctcagac agcagcnatg aggaccagcc      240
ctccnnaggt cccagganac acanaaggag gccccncagg gacagcttgc gtggtgccga      300
ccatggggaa ctggaagtgc taaaggacga gcttcagctc tgcggaggtg gtg            353


<210> 516
<211> 535
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(535)
<223> n = A,T,C or G

<400> 516
actgaggatc cttccttgat gacctcgagt ctatggagga gtccatgtct cggagcctgg       60
gcaagcctgc cnagtcctcg aagcagnacc tgctggcagn tcatcctcgn aatatgaggc      120
gctggatcgg gagcttccgt gtatcacnaa aattctcana accnccctct gcccancccc      180
tctgcctttg catggagact taggaagact ttacacacgt ggaggcgctg caggctttgg      240
aggtcganct gnccggngnc atggaaagcg ggcgcgttaa cagtattcgc tacganaata      300
tgaatgtcat ctgnggnact gcgggccgna gggacaggng gctnatcacc gtcacagact      360
tccagacgcg gtcacgcctg ctgcgctccg ggctcaccct ccgtggaacc gngtacccac      420
tggtgcgcca cgacgattta ctgctggggg actaccgttt gcacctgcgc cgctctntgg      480
```

```
nncnaaaggc gcatgctcga agccctcggg gnggagcctg ccgacgaaga ttgac          535


<210> 517
<211> 353
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(353)
<223> n = A,T,C or G

<400> 517
gactgagact cccttaggtg ctaatcattt aactgcaagc atgagtggat taagtctgca     60
tccagaggga ctaagagttg tcaatcttct tcaagaaagg aacatgcttc cttccacacc    120
actgcagcct ccagtcccaa atctgcttga agacatccag aaactcaact gtaacccaga    180
gttgttccga tgcacgctga cgagtgtccc tcagactcag gccttactga ataaagccaa    240
gcttcctctg gggctgctgc tccacccctt caaggaccta gtgcagtngc ccgtggncac    300
ctccancaca nttgggagan gccgntnatg caggacttac attaaccctt tcg           353


<210> 518
<211> 348
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(348)
<223> n = A,T,C or G

<400> 518
tctgagcctt ctggccgggg ctccccgggn cctcgctgtg ggtgatgact ataccaaccg     60
gactggtgct gtgtacctgt gtcccctcac ggcccacaag gacgactgtg aacggatgga    120
cattttcagag aaaagtgaga cgagcctgag ggcagagcta agtcgggagc ctggcagagg    180
gggcccaaag gggagatacg aggttagctt gttagggagg caacatttga agctaagggg    240
aaaagacagc gagatcaagg ctagatctac tatgggctac atagtgggtt gcagaatagc    300
ttgagatgta aaatggagat cctggctcaa aaagcaaaac aaaacaaa                 348


<210> 519
<211> 365
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(365)
<223> n = A,T,C or G

<400> 519
gactgagatt tgccgagagg ctgagttctc tataggaaca cccacatttg tatggatgag     60
tggggaaaga tagctgcagc agacaaggaa aaagcgtcct gacctcccga gaacatgagt    120
atgctaaaac ccagcggcct gaaggcccct accaagatcc ttaagccggg aagcacagcc    180
ttgaagacgc ctgctgctgc tgcagatcca gnggagaaga caatacccag tgagaaagcc    240
tcgggccctc catcctctna gaangntgat gaaaatgata aattttnctc tggagtagaa    300
naaantggga gtgatgagcc agccttcgtg tattacatga atgatggtgt ttatggttct    360
tttgc                                                                365


<210> 520
<211> 165
<212> DNA
<213> Mus musculus

<400> 520
```

```
gaggacctga accaggcccc ccaaccccaa gcagatgagg ggcctccagg ccgctccatc      60
ggggggatct cacccaacct gggtgccttg gacttgctag gcccagccac tggctgtctg     120
ctggacgatg gactggaggg cctgtttgag gacatcgata cctcc                     165


<210> 521
<211> 230
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(230)
<223> n = A,T,C or G


<400> 521
ctgggagtgt ggcaggaaga agagctactg natgcatggc tacattaggg nnngaaaatg      60
agttgngtna acactaagac cagggtgcct ttcngaagga agatcttnaa ctaaatatga     120
atgagggnnn naantttttt tgtaattata aatgggagaa naaaatttat gaaatgtntg     180
tcatnagcac attgattata aatgtctttc tgtnggaaaa aaaaccattg                 230


<210> 522
<211> 218
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(218)
<223> n = A,T,C or G


<400> 522
ggtgcaagcg tctcctgatg aaatgtattg tgccccactg ggctccaaag gcagnatctg      60
gcgctgttga tgcccttgtt ggaactttcc agagtcctaa gcccccccatg ctgtaaatag     120
tctggtcgtc agagtaggga ggagcccggg cttctgttta tgtatgtatt tatttattta     180
ttatttattt attacaccta ataataaaaa ggtgctca                             218


<210> 523
<211> 427
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(427)
<223> n = A,T,C or G


<400> 523
gactgagctc ggattgggaa aatgaacgga ggaagcaaga tgaagggcag ntntgtnccc      60
tgtgcatccg tcccctggca ggatcgganc aggagatnan tanncatgtg nagcactgcc     120
tggctaagag ggaaggctcc tgcatggctn aagatgatgc tgtggacatn gagcatgcgg     180
acagcanccg ctttgaggaa tatgagtggt gtgggcngaa gcgnatacgg gccnccacac     240
tcctggaagg tgnnttccca ggtataaagc nnntganaac ttgggtggtg gnactcnggn     300
naccaggcca cttctgggan cnggacannn tttccaccac gngggagctc ttgctcgtgg     360
ggctcctttg ngaccgngct gcccgcctgt gatgtgcata ttaaagnggn tgtatttggg     420
tggggaa                                                              427


<210> 524
<211> 452
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
```

<222> (1)...(452)
<223> n = A,T,C or G

<400> 524
gaactgaggg atagcgtggc ccagtcgtct tctttgtgga ctatgcagtc taactgctta   60
tatatggaag aaatcgaaga ctcggtgact gttcgggatt atatccaatc cactatggag   120
actgaaangg accccccagng cctcttggac ctggccagga ggatggngcn ggttcttggc   180
cggaatgcac gancaagacc tcattcacgg ggacctcacc acctccaaca tgctcctgag   240
gcggcccctg gcgcagctgc acatcgtgct catcgacttt gggctgagct ttgtctcagg   300
actgccggaa gataaaggcg tcgacctcta tgtcctggag aaggccttcc tcagcacgca   360
ccccacacc gagaccgagt ttgaagcctt tctgaagagt tacggggcct cgtccaagaa   420
gtccagtcca gngctgaaga agttagatga gg   452

<210> 525
<211> 466
<212> DNA
<213> Mus musculus

<400> 525
actgaggtcc cttaggagga accccttgag ctcccggtct aaaacacgtt atcgccagtg   60
tgagggctaa atggtgtgat aacacccaag agccaggaaa tggcaacagc cttggagcca   120
gaggaccaag atctttggga agaagaagga gttctgatgg tgaaactgga ggatgatttc   180
acgtgcgggc cagaatccgc cttggagggc gatgatcctg tactggagac ctctcaccag   240
aacttccgac gctttcgata ccaggaagca tcaagccctc gagaagctct catcagactt   300
cgagagcttt gtcatcagtg gctgaggcca gagaggagaa ctaaggagca gattcttgag   360
ctgctcgtgt tggagcagtt cctcactgtc ctgcctggag aactgcagag ctgggtgcga   420
ggccagcggc ccgagagtgg cgaggaggca gtgacgctgg tggagg   466

<210> 526
<211> 162
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 526
tgcaccatac atccgagagt ttcgaggacc ctccganatg ctcactccta nancaagagc   60
agaaacccgg gaagaacgca tggagagaaa gagacgggaa aaaannggcg gcgacagcag   120
gaagtggaga cagagctgaa aangtgggac cctcacaatg at   162

<210> 527
<211> 380
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

<400> 527
gactgagttt gtgaagtgtg gatatgcagg ctctaatttt ccagaacaca tcttcccagc   60
tttggttgga agacctatta tcagatcanc caccaaagtg ggaaacattg aaatcaagga   120
ccttatggtt ggtgatgagg caagtganct gcgttccatg ttggaagtga actaccccat   180
ggagaatggc atctgtgcgg aattgggatg acatgaagca cctgtgggac tacacatttg   240
gaccagagaa actcaatata gacnccagaa gctgnaagan tttacttaca gaacctccca   300
tgaatccaac caaaaacaga gaaaagattg tnnaggaatg gttgaaactt accannttt   360
tggggtgttt gaacccttca   380

<210> 528

<211> 314
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(314)
<223> n = A,T,C or G

<400> 528

```
gctaaacctc taaatgtggn cgcacatnct caattaaang gttanngttt nttnnatann      60
tgnccttggg cagttactat gagctacagg ntctgcctca tctagtcctc cgcatacagc     120
ggggagggtg agacttgggg atgcgcccac ctcaggccca tgcatcacca gatgggctct     180
cacatgacca ttacacacac tgatggtgac actgtatcag aaagccactc agctttgcct     240
tttaactaaa tctggacctg cttgccacaa ctatgtaacg naagcctcta actactaatt     300
tctgaagaga agct                                                        314
```

<210> 529
<211> 315
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

<400> 529

```
actgagagaa gaatggaggg cagtggaaag ctcgcatggt agaggatgct gtggagtacc      60
atctcttcct gataccagat aaagccagag gcacagaaga gcacagagag attcttcaga     120
agtacatttg aacggataat gacccagttn gnacccatac tgggancctt tatatctggc     180
agaatcagcc tttcaatctc aaatacaagc ctgcaaaagg gaggtgttcc tgctcatatg     240
tacggnatga caaagttttg gagataacat tgaggatgaa tgggcntatt gtttatgtaa     300
taaaggcaga ttaca                                                       315
```

<210> 530
<211> 278
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(278)
<223> n = A,T,C or G

<400> 530

```
gactgagatg ctgtcacatc tggagctgac tcttcaggca tccaancaaa atggcacgga      60
gacccaggag gtgttcctgg tcctcgtttc gaacaaaaat gtcttcgtga agttccaggc     120
cccggaaatn ccattgcact tggcctacga ctccagcctg gtcatcttnc aaggacagcc     180
aanagtnaac atcacagtgc taccatccct tacctccagg aaacagatcc tcgactgggc     240
agccaccaag ggcgccatca cctcgatagc agcactgg                              278
```

<210> 531
<211> 409
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(409)
<223> n = A,T,C or G

<400> 531

```
gactgaggtc caagcatgga aagtcataaa ccangnacta gcaaagatga tttaatactt      60
aatatcatat ccagaaaaat taaacaactt ccagantcag acaggaatct gcttgaatat     120
ggatcancat atatnggact taatgctgct tttgggggcc taataccana cagtctattt     180
cggcgaatct tgaacgngac acaagctcga ttagcttcta gcttaccaat ggctgtgatc     240
ccatttttga cagcaaacct gtcctaccaa agtcttgtaa gtttaccttt gagtacaggt     300
gatttgaact gtgaaacctg taccacaaca cggggtgcac tagttggttt ggttatgggt     360
ggtctgtacc ctatcctttn ggctataccc gnnaatgggg gccttgctg               409
```

<210> 532
<211> 489
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(489)
<223> n = A,T,C or G

<400> 532
```
gaactgagtg cccaagatgt atgcagtgtg atgccaagtt tgacttcatc accagaaagc      60
atcactgccg ccgctgtggg aagtgcttct gcgacaggtg ctgcagccag aaggtgccac     120
ttcggcgcat gtgcttcgtg acccagtgc gccagtgtgc tgactgtgcc ctggtgtccc     180
accgagaggc ggagttttat dacaagcagc tgaaggtgct cctaagtgga gctaccttcc     240
ttgttacttt tggggactca gagaagcccg agaccatggt ttgtcgtctt tccaacaacc     300
agaggtgctt ggttctggat ggggacagtc atcgtgaaat cgagattgca catgtctgta     360
ctgttcagat tctcacagaa ggcttcactc ctggagcagg cancacccga gccantggca     420
tgctcctgca gnacacagtg ccaggggcag aggctgcagc acagctgang ctgatggccc     480
ggagaggac                                                         489
```

<210> 533
<211> 292
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(292)
<223> n = A,T,C or G

<400> 533
```
gactgaggct gactcatgcc gatctggctg aagcctggct gntcctgcta ggtcgtcgtg      60
ccactactac tgctatcccg acgctactga actggactgc tagtatattc atgaagtgtt     120
ttcaagtgga tccagctgcc gntactgacc agtgaactga actgctgatt tcctgacaac     180
acagatgaga tttgctccaa agaaccattt ctaaacaggg ccacnncctc catatcctaa     240
tagcctttct tttctacctt tggngggtgg tgctctataa gggagggtaa ac            292
```

<210> 534
<211> 147
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(147)
<223> n = A,T,C or G

<400> 534
```
gggagacctt ctggtagttc tgttctgggn cccttancca gagttccacc agccacaccg      60
gtggntcgaa tgtntgagca gagnaacgtg aactccgagc ctgaggagga ggaaggaggc     120
ctggaagatg aagatggaga tgatgat                                      147
```

<210> 535
<211> 487
```

<212> DNA
<213> Mus musculus

<400> 535
gaactgagag ggttcccctt gcaagcatat ccaggcggcc cttgtcccac cattgcataa   60
tataagctac atcgtggata tgatctaggt cctcggagtg tctgttctca tgctctggac   120
cagactgaga atagaaagga gcctggctat ctgagagatc ctgtcctgca actggctgtt   180
ctggggctag aggatgtgga cgtgaccatg gactacactg gtatatattt ggtagaggac   240
agctctgctg aaaaatattc tactgtgcac aagaactctc aaaagaaagt tatctggggc   300
tggaacattg gcagctaaga gcactgactg ttcttcggag gtcctgagtt caattcccag   360
caaccacatg gtggttcaca accatccgta atgggatctg atgccctctt ctggtgtgtc   420
tgaagacagc aacagtgcac tcacatgtat atgtaaaata aataaataca tctttaaaac   480
aaacaaa   487

<210> 536
<211> 132
<212> DNA
<213> Mus musculus

<400> 536
gactgaggtg tgcgccttga ccgagttcga ggaggccgcc agaagtacaa gcgacggctg   60
gattcggaga acagcccca cctgaacctg ccgatttccc cacctgctaa aaagccattg   120
aaaataaaaa aa   132

<210> 537
<211> 486
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(486)
<223> n = A,T,C or G

<400> 537
gactgagcct agtcattgtt ggctacgagc aatggtaata caattatcac tcagcttgac   60
tactcttctg gacaagttct caaatatttc tgaaggcttg agtaattact ccatcataga   120
caaacttggg aaaatagtgg atgacctcgt gttatgcatg gaagaaaacg caccgaagaa   180
tataaaagaa tctccgaaga ggccagaaac tagatccttt actcctgaag aattctttag   240
tattttcaat agatccattg atgcctttaa ggactttatg gtggcatctg acactagtga   300
ctgtgtgctc tcttcaacat taggtcccga gaaaggaag gcantcaagg nntcnntgga   360
ntactgnnna cagtgagatg gaacnntnnt anncttnccc tgctggatga ncngaatgtg   420
tngctannga aagaantngn gggactttnt gctacaaagg tctncgcngg ctcgggactg   480
tcctta   486

<210> 538
<211> 174
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(174)
<223> n = A,T,C or G

<400> 538
gactccacag gaggcctaca nacagngggc tantccagcc acgctctang aaccatnaca   60
aacnttnct ctttataaga aattggctca ngcattaccg atgaaaagct gtgtaacaca   120
ggctttgagg cataaaaccg atttctatta aatgtagaaa caaaatgaaa aaaa   174

<210> 539
<211> 339
<212> DNA

<210> Mus musculus

<220>
<221> misc_feature
<222> (1)...(339)
<223> n = A,T,C or G

<400> 539
gactgaggtg acagtacaga naagtaccac aaacgttatc caggcanctg actgacatgg   60
tgagacagct tgtagacgat gtcaagagcc ttnaaacgca nagacccaac ttgngatctg   120
gacaggacaa tgcacaaggc accccaccca cggctggnna gatggctcag cgattannan   180
cactaactgc tnttctgaag gtcctgagtt caaatcccaa caaccacatg gtagttcaca   240
accattccta atganatcag atgcactctt ctggtgtgtc tgaagacagc tacaatgtat   300
tcacatataa taaataaata aatctttaaa aaaataaaa   339

<210> 540
<211> 531
<212> DNA
<213> Mus musculus

<400> 540
gactgaggtt ttaatgtgga aacagtagaa tataagaaca tttgtttcac agtatgggat   60
gttggtggtc aagataaaat taggcctctc tggaggcatt acttccagaa tacccagggt   120
ctcatttttg tggtagatag caatgatcgt gaaagaatcc aggaaggagc agctgtgctg   180
cagaaaatgc ttctggaaga tgagctgcag gatgcagtgc tgctcctttt tgcaaacaaa   240
caggatctgc caaacgctat ggccatcagt gagatgacag acaagctagg tctgcagtct   300
ctccgaaaca gaacatggta tgtccaagcc acttgtgcta cacaaggaac tggtctgtat   360
gagggactgg attggctgtc aaatgaactt tcaaaacgtt aaatgaagct ggatatctaa   420
ccaaggacat gtttgataga attggtctag gcttgttaca acaaaattag tttgcatctt   480
ggttattaaa ggatatctga gacaggtttg ggcagaaatt acagcgttta a   531

<210> 541
<211> 158
<212> DNA
<213> Mus musculus

<400> 541
gactgagtta tatccgactt tatgggagaa aatttagcaa agaagatcat gttctttta   60
ttaagttact gtatgagctg gtatcaattc caaaactaga aatcagcatg atgcagggat   120
ttgcccgtct cttgatcaac ttgttaaaaa aaaaggaa   158

<210> 542
<211> 398
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 542
cctcctgggc tggggttcgc tgctcatcat gctcaagtcc gagggctttt actcctacct   60
gtgtacgaag ccaggtgana tgggcgcctn nntcgggngc aggtttctgg agtggntctt   120
tgggagaggg ctgctnggtg gtgaanacgt aanccagnta tgcctgcttg ctgaacagtg   180
cctctangtg ccnnanngnc cattntgatc ctnanccngc tatctgtgtg cntnnnatna   240
tcatngtccc tgtttggggn tggngaaact gaggctggga ccantcttcc nttntgccca   300
ngctgtgaga ctaatagact aatagactcc tgcgtgcngn cangaacgtt gntggccttn   360
tgntcttcca gggcctgcan cattgcttgc cttgcaaa   398

<210> 543
<211> 228
<212> DNA

<210> Mus musculus

<220>
<221> misc_feature
<222> (1)...(228)
<223> n = A,T,C or G

<400> 543
ctcacagcca cccatagacc anttncaatg agaggcatct gacccagcag gaaacgaggc   60
ctgctnaaca gagccttgga tatggacgat anggattaca gtgaggcccg atggcctgtc   120
ngataagnac cacccccagt aaggcccagn aagtcncctc nagaagaatt gccaangaan   180
gtttcaanna gtagccntat gccngngtca cccttgcttc gaaggctt   228

<210> 544
<211> 253
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 544
gactgagatt ttcagaatga tcaactagnt gaaatatctc cattgggtac tgaggaagtc   60
tcagcagtta gccaagcgtg gtttacaact aaagaagata aggattctct cactaacaaa   120
ggacataaat ggaagcaggg gatgtggtcc aaggaagaaa ttgatatttt aatgaacaac   180
atcgagcgct atctgaaggc tcgcggaata aaagatgcta cagaaatcat ctttgagatg   240
tcaaaaaaaa aaa   253

<210> 545
<211> 371
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(371)
<223> n = A,T,C or G

<400> 545
gactgagact aaaatgtcaa aaagaaaatg gctctgttag cccaacagtt acccagacgg   60
ttcaactcag ttaagttgac tagcttcatt aaagccaaac aagtcaccaa acgctctgca   120
agagcaggaa aagccgtgtt gcccggcttc tcagctcagc ctctgctctc ctctgacacg   180
agctttctcc ggcgggggaat taagacttac aggactttgt tctggaatcg tttccattct   240
gccagcacaa ataggacaaa gagttctgcc cgaaagcact ctgcttcctt cagnggntga   300
acagcaggga gaggatnctt agtcttgaat canagcttgc cttttggaag aagnggacga   360
cctgcctcca t   371

<210> 546
<211> 434
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

<400> 546
ctgaggcaca acccggtctc ccagaanagg agaagtgcct ggcgtggatt acagctttct   60
gactgtgaag gagttcttgg acctcgagca gagcgggacc ctgttggaag tcggcaccta   120
tgaaggaaac tattatggga cacccaaacc tcccagccag ccagtcagtg ggaaagtgat   180

```
cacgacggat gccttgcaca gcctgcagtc tggctccaaa cagtcgaccc ctaagcgaac    240
aaagtcctac aatgatatgc aaaatgctgg catagtccac ccggagaatg aggaggagga    300
ggatgtccct gaaatgaaca gtannnttta cagccgactn tggagaccag gacgagccac    360
ntctccaaga agcaccgcnt cccacctgtg aatagtagca tcctcgcttg ntcccatcac    420
gggacccttt ttaa                                                      434


<210> 547
<211> 221
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(221)
<223> n = A,T,C or G

<400> 547
atggatacta caatggtgaa tttgtggact ctgtttgagc agcttgtgcg ccggatggag     60
attatcaatg aaggaaatga aagcattgaa ttcatccagg ttgngaagga cttcgaggac    120
ttccnaaaga agtatcaaan gacccaacca ggagctggag aaattnaaag acctattgtt    180
gaangcagag actgngctgg aaccgccctg gacgttaaag c                        221


<210> 548
<211> 337
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 548
gatgacgtcc atatcttntc gnaagagagg gaatcagaag gtacttnngg gagaatagtg     60
atgcagcttt ncaccntcac ngcaatgaga ggattctgag gccttctgag nggaatcaga    120
gataccttgc caagtaatat gtaccagaaa aatggcttac atcatgggaa atacgcagtg    180
aagaaatcac ggnnaactga tgtggaagac cttactccaa accctaaaaa actacttcag    240
attggtaatg agctgcgcaa gctgaataag gtgatcagtg acctgactcc agttagtgag    300
cttcccttaa cagcaaggcc aaggtcaaaa aaaaaaa                             337


<210> 549
<211> 173
<212> DNA
<213> Mus musculus

<400> 549
gactgagagc tctgcacatc gagagactta aaaccacctg agatcatcag acaagtcaca     60
tacatgggac tttttgaatt attgccattt tgtattttta tcatgttatg tgtaaaagac    120
agtgcctatt ctgtgtttta ctgaatcaaa ttgacaatgt cagaaaaaaa aaa           173


<210> 550
<211> 164
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G

<400> 550
atcttcctgc tccagcctct tgaatggaat gctgtacata gactccagac cagctcagct     60
acttcctcct atgctcttga cacaaatgaa cactgaccac aaatttctat ttgtacaatc    120
```

142

```
tgtggatgtn ccaaaataaa ggaattggag ctgaaaaaaa aaaa                     164


<210> 551
<211> 105
<212> DNA
<213> Mus musculus


<400> 551
tttttttccac tattattgca tgcagattaa aacgttaaga gctttctttt ccccttaaaa   60
attctgaatt atgaaaataa acatttcaaa tttcaaaaaa aaaaa                     105


<210> 552
<211> 203
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(203)
<223> n = A,T,C or G


<400> 552
cacagactga gttttaagga cttcctgagc tgttntgagt tgttnactta tggatcttca     60
ctgcaagatg gactgttcca atctcagagg aactcttcca gaaacctgta tagactactt    120
tggccttgaa ctcctacagg tggncctgcc tttgcttcct agnggctggg attaaaggtg    180
tgtatcacca aagagaaaaa aca                                            203


<210> 553
<211> 407
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G


<400> 553
atactgattc tctgatttcc cagtaatgcc actcagttgc caatatcaag caagcgcata     60
taagacactt gtaatctttt aagaaaagta gtacttctct tcacagtatc tggcggatca    120
acactggagg gtgaggtgtc agcttccaga aagatcatca tgaagttata tgtgtttctg    180
gttaacaccg gaaccacgct gacatttgac actgagctaa ctgtgcaaac tgtggctgat    240
nttaagcatg ccattcaaag caaatacaag attgctattc agcaccaggt tctggtggtc    300
aatggaggag aatgcatggc tgcagatcga agagtgtgta cttacagcgc tgggacggac    360
acaaatccaa tttttctttt taataacaga aatgatctta ttgaaag                 407


<210> 554
<211> 179
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G


<400> 554
gactgagata aaatcaaaga caaaattaaa gagaaagaca aagagagaag aagaaaaaga     60
agcatggnng tnatgannng agatcaagaa agaaatgga gatgtaaaga ttttactgaa     120
aagtgggaag gagaaaccaa aaacaaatat agaagactta caaattaaaa aagtaaaaa     179


<210> 555
<211> 219
```

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 555
cgttgaaaca tgcccgtcct tcaccanact gagcttccac agcgcggtgg ttggtacagg   60
actctccgtg agactgatgc tctatacaca ngagaaacng ctgtcttcan ancaaacaca   120
aacaaangan agttttcttt ccttcctatt ggcgcaatcc atacttattn caggaaattc   180
cttaagacgt ntagatgtaa aatacaaaac tgtgcacaa   219

<210> 556
<211> 750
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(750)
<223> n = A,T,C or G

<400> 556
gcttacaggt ggtgcagaaa gaagtctggt cacaactggc tacagtgaac gagctgggta   60
ccccaaggac atcttaccag ttccagccaa agatctgatc tacgtacacc tgcgtcatgc   120
tgagaccctc aagcctcact aaaaagggtcc ctgcctagtt ctgtttacta atctgcctta   180
ttctgttgtt gttcccatgt taaagataga gtaaatgcag tattctccac atagagatat   240
agacttctga aattctaaga ttagaattac ttacaagaag aagtggggaa tgaagaatga   300
aaaattactg gcctcttgtg agaacatgaa ctttcacctc ggagcccacc ccctcccatc   360
tggaaaacat acttgagaaa aaacattttc tggaacaacc acagaatgtt tcaacaggcc   420
agatgtattg ccaaacacag gatatgactc tttggttgag taaatttgtg gttgttaaac   480
ttnccctatt cccttcccat tcccccttcc agtttgnggg nttttttcctt taaaaagctt   540
gggggaaaaat ttttaagtcc gtcgtcgaga ctcctctacc ctgtgcttaa aggggtattg   600
aagtttcgac ccccanagct nttggnctgn ggnggctttc atggttggct ggntttattt   660
tcaaaccccc aanaactttt gggccnnggg gggctttaa tgnttgccta nctttaatta   720
aatcttaccc tttttacaat ttttaaaaaa   750

<210> 557
<211> 218
<212> DNA
<213> Mus musculus

<400> 557
agtcatgcag gaaaacctca gcatttgctt catcaggaga tgacgttaaa atatgggatg   60
cttcgttcct gacattggtg gataaattca accctcacac gtcaccgcat ggaatcagtt   120
caatctgttg gagcagcaat agtatccttt aaaaaaaagt aatcactttt tgttagtttt   180
caatgatctg tgcaactgtt ggcccataaa aaaaaata   218

<210> 558
<211> 223
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(223)
<223> n = A,T,C or G

<400> 558
gactgagggt cccttacant cccttaaaaa tccattctcc cttccttgct ccttgcagca   60
gtaacatgta tgagtaccat gcaccaactg atcgtgccat ggagctcct taaacagtaa   120

```
tcacaaccaa gctaggggaa catttgtatc cgataaaggg gtgggagtgc aggttttagg    180
cactcctttg ggagaacaaa gaaattaatg taaataaaaa aaa                      223


<210> 559
<211> 222
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(222)
<223> n = A,T,C or G


<400> 559
aattgtctct tgagttccac tgggaatgcc cagtctgggg ctgtgagaaa cactgtatca    60
aagagatccc ggctcagcac ctgagacaca ggcatgaggc ctgcaatggg acagagcaac    120
cggaactcct aaagactgtc ttccaaagtt gtgctgggcc ttttgngggg aggaacatga    180
ctgtgtcatg gggaaaatgc atacatctgt ttttacttaa ca                      222


<210> 560
<211> 380
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G


<400> 560
actgaggtag cccagagctc gagagctggc ttcctgacca tcagacaagc ttcgccaaaa    60
gtcttcacct aagcaaacag gagaaagaag ggnttctntg tgnnnccccg nctgtnctgg    120
ntctgactct gtacgaccgn cacaccnagc tggccttgaa cttaanagan ctgcctgcct    180
ctgtnctgac tgctggnatg gaagggatgt gccactactg agagcttgtt ttagtgctta    240
cancttgctn tgctgctaag ccagatgccc tgagtgtgat nctctagaat gacaaggtgn    300
gagagaacca attccccann ttatcctcac acccacacat gagntgcgnc aagtgctccc    360
acctctgaca ataaaaaaaa                                                380


<210> 561
<211> 149
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(149)
<223> n = A,T,C or G


<400> 561
aggactgagg taaaatcaaa gacaaaatta aagcagnana gcacaaanag tagaagaaga    60
aaaagatgca taangtaatg antngagatc aagaaagaaa atggagatgt aaagatttta    120
ctgaaaagtg ggaaggagaa accaaaaac                                      149


<210> 562
<211> 126
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(126)
<223> n = A,T,C or G
```

<400> 562

gtctcgggct ggtgagtang gctcagtggg taagagcann cgactgctnt tccgaaggtn   60
cgaagttcan ntcccagcaa ncacatggct ggcgtcacaa ccntccgtnn cgagatctga   120
cgccct   126

<210> 563
<211> 134
<212> DNA
<213> Mus musculus

<400> 563

atggatttc ctgtaaactg caagataacc gggacaccag tctcactcaa tccttttttgc   60
cgggaacccc ttcctcccta ttaatgcatg ataatgaata ataataataa gaatttcatc   120
tctaaaaaaa aaaa   134

<210> 564
<211> 424
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

<400> 564

aactgagcct atcctctact cctatttccg aagctcctgt tcatggagag ttcgaattgc   60
tctggcgtta aaaggcattg actatgagat agtgcccatc ancctcataa aggatggcgg   120
gcaacagttc actgaggaat ttcagaccct gaaccccatg aagcaagtgc cagcgctgaa   180
aattgatgga atcaccattg tccagtcact gancatagnn ctngaccgng ganaaaactc   240
tgactnngng ncccgttnct nccttagnna cctaacntac gagcnatcnn gcgcatgann   300
gntnanctcn tnnctggtgg anngcagncc cttngaaacc tgtctgtcct gaagcaagtg   360
gcacaggaga accagatgca atgggcccaa anggtattac ttccggnttt aacgctctgg   420
aaaa   424

<210> 565
<211> 341
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(341)
<223> n = A,T,C or G

<400> 565

tttcagctca gttacttatg gcttcccta aaattgcttc cctctcttgg ggacaaatga   60
aagtgcaagg ctctacntta acctataagg attgcaaagt atggccagga ggcagtcggg   120
cttgggactg gagggaaaca ggaaccgagc attctcctgg agagcagcca gcagatgnaa   180
aggaagttgc tgagaaaggg gtacagactc ttgtgattgg cagaggaatg agngaggcct   240
tgaaggtgcc tccgtcgatt gtggagtacc tgganaaaca aggcattgat gtgcgcngtc   300
ctccaaacag aagcaggccg ngaangagta taatgccttg g   341

<210> 566
<211> 439
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

<400> 566

```
caccacagac ttccaggaga gctttgtcac gtcaggtgtg ttcagtgtca cggagctgat    60
ccaagtgtct cggacacctg tggtgaccgg aaccggaccc aacttctcac tggggagagc   120
tgcagggtca cctggcatat gacctgaacc cggccagcgc cggcatgaga aggactctac   180
ccagcacctc ctccagtggg agcaagcggc acaagtcggg ctcgatggaa gaggacgtgg   240
acacgagccc cggcggggac tactacacgt cggccaactc acccacgagt agcagccgca   300
actggacgga agacatagaa ggaggcatct catccccggg tgaanaagac agagatggac   360
aaantctcca ttnnacagcc cgtcccccca ggactccccc nggttntcca gcttnacaca   420
acaccacagg ccggtcatt                                                439
```

<210> 567
<211> 469
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(469)
<223> n = A,T,C or G

<400> 567

```
actgagcctc ctggtgcaag ctatatttaa tggtgatcca gatgaagtcc gagcactaat    60
atttaagaaa gaagatgtta nctttcagga caatgagaag agaacccctt tgcatgctgc   120
tgcctatctt ggtgacgcag aaatcattga gctgcttatt ttatctagga gctagagtta   180
atgccaaaga cagcaaatgg gttgacacct ttacacagag cagtttncat cgtgtagtga   240
ggaagcagtt cagatacttt tgaagcattc tgcagatgtt aatgctcgag ataaaaattg   300
gcagacccct ttacacatag ctgctgctaa taaagctgta aagcgccgct gaatctttgg   360
tacctctttc tgagcaatgt ggaacgtgtc ccgaccgagc anggaagaac tgnattacat   420
catgnagctt ttcagtgggc atgggcgana tgggcaaact actcttgtc                469
```

<210> 568
<211> 385
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 568

```
gtcttctagt aagaacaaag nctgangacn tgatctctca gctgcacnct aacctcctgg    60
gctccatgct gacctgtaaa gctgccatga agacantgat tcagcaggga gggtctattg   120
ttaatggggg aagtattatn ggtnagaaag gcacccgnng gccaactctg catacagtgc   180
caccaaagga ggactcgttg gnttntcacg ctcggttgct aaagaggttg cncggaagaa   240
aatgccngtg antgtgntgn caccaggatt tattcgcacg gatatgacnn tgacactgga   300
aggaaganca ctncnngana aacattcctc ttgggaggtt nngagaaact cntgagggan   360
cacatgccgt tgcgtttttt tttag                                         385
```

<210> 569
<211> 303
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 569

```
gactgaggtg gggtctttcn cccaagagga ggaagaagag aacctacggc atgacaagcc    60
cccctacacc tacttggcca tgatcgcctt ggtaattcag gccgcaccct ccgcaggct   120
gaaactggct cagattatcc gtcaggtcca ggcagtgttc cccttcttca gggacgacta   180
```

```
tgagggctgg aaggactcca tccgccacaa cctttcctnt aatnggtgct tncataaggg    240
gcccaaggac cctgcaaagc cccaggccaa gggcaacttt ttggncgggg gatgggagcc    300
tga                                                                  303


<210> 570
<211> 532
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(532)
<223> n = A,T,C or G

<400> 570
gactgagatg gtggctcgct gatttctccg atccctaatc cgggtcacag aatggttaaa     60
gcagctttaa gtanagagtg gattattttc ccctcagttt gtcttctgtt tgcggctctg    120
aaagaatgtt gtgggcgctc tttttcctgg tgactactat tcacgctgaa ctctgccatc    180
cagatgcaga aaatgccttt aaagtaagac ttagcatcag agcagctctt ggagataaag    240
catatgtctg ggacacggat caagaatacc tcttcagagc aatggnggca ttctccatga    300
gaaaagttcc caacagagaa gcaacagaaa tttcccatgt cctgctttgc aacataaccc    360
agagggtgtc gttctggttt gtggtcacgg acccttccaa caattatact cttcctgcag    420
ctgaagtaca gncggccata agaaagaata ggaaccggat caacagngca ttttttctgg    480
angaccntac tctggaattt ttaaaaannc cttntactct gctccccccc ga           532


<210> 571
<211> 256
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 571
tatttacttc ttgtggacct ctcacagatc angcngnnaa ggngnatagn gccttgnttg     60
cccaaggggt natggaagga ggtgtcntcc attccacctg ctganggcgc ctacagagga    120
gaataattca gaccncncag ncnngggtga ctaccagtcc ttggcctcag ttcctgcctc    180
cagatttctg ccttgagggg gctaccctga cttccctgga tgatgaacta caagntgtaa    240
gataaaataa accctt                                                    256


<210> 572
<211> 240
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(240)
<223> n = A,T,C or G

<400> 572
actgaggtct cctgctcacc agntgncttg acagtttttc ttgcaacatt ggccattggt     60
tttcactgcc ttcaaaagat canaattact ccagaaattg gagagttgga tttaaaagaa    120
aaaacttgaa caaatggaca atatgtctat aacaaataca ccancaagta acgatgcctg    180
tctgagcatt gtacatagtt tgatgtgcca tangacaagg tggggaaagt gaaacctttg    240


<210> 573
<211> 350
<212> DNA
<213> Mus musculus
```

148

<220>
<221> misc_feature
<222> (1)...(350)
<223> n = A,T,C or G

<400> 573
aatgggatac gacacgggnc ttacacagcc tctcggaaac atatctatat tgatanaaat   60
acngaagatt atnttgcnca gggtttcaca aggcaaacag ggtacctttc acagccagna   120
nggcttttgg agtncggcac caaactcgtg gnaggaacca cttccngggg aaggggtggc   180
caagaagcac ctgggcttgc ccgntcttta ataccggtga agggaggccc aaaagangaa   240
aacaggagc naacgggttt ctggcattna tggcccctcc tccttttgct ggnngctgnc   300
attaantgaa ncanccgcn ncggaanatt cccttagggt tgggggggcat   350

<210> 574
<211> 523
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(523)
<223> n = A,T,C or G

<400> 574
catgaacgtg ctggagccag tgtggttcaa ctcacctgga atctgagcac tcaggagtct   60
gaggcaagat tgccaagagt tcaaggccac cctcagctac atgggtctca aatactcaag   120
agttcactct gcggctgagg atgacctcaa gcctctgatc ttcctgctgg gatcactgag   180
agctgggatt acagcattgg acgcgttctc acgaccggcc aggaaagacg caacaaacca   240
gaatcttctg cggcaaagct ttattgctta catcttcagg agccagagtg caagaagcaa   300
gagagagaga aaacgaaacc ccgtcccttt tttaggagag ttatatttcg cctaggacgt   360
gtcactccct gattggctgc agcccatcgg cccgagttga cgtcaccggg aaggcagag   420
cacatggagt gganaaccac cctcggcata tgcgcagatt atttgtttac cacttanaac   480
acaagctgnc agcgccattc ttgtaacggc gaatgtgggg cgc   523

<210> 575
<211> 274
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G

<400> 575
gaactgaggc tttatggaag gcagtggtcg gancagggca gaatcctacc ctgacagcag   60
cacactggtc attgccgtgg cangngagga gacgactctg gtgtgtacaa cataaatctt   120
gaaaaatgga ggctggagaa gcacattcca ggcatcanag attaaggttg tggattatcc   180
ctggtccctc cagnggcanc caaangtgac anaangtgga agantgactg ggngcatcnt   240
gaanctggga agccgtgcgg ggcctatgat ggga   274

<210> 576
<211> 420
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(420)
<223> n = A,T,C or G

<400> 576
tatttgtata actttgcnag tgctgcaaca nagaagataa ctgaatctgt tacagaaaca   60

```
gctcagacaa tcaagaaatc cgtggaagaa ggaaaaatag atgatatcct tgacaagact      120
attttaggag attttcaaaa agaacagaaa aaatttgttg aggaacagaa tacaaaaaag      180
tcagaagcag ctgtgcctcc gtgggttgag agtcatgatg aagagacaat tcancagcag      240
attttggctt tatcagctna aaaatnngtg agtcgggctg gcgaganggc tcagnaggta      300
ngagctntga ctgctcttcc anaggtcctg ngtncananc ccannntcca catggtggct      360
cacanccacc catantagga tctgactccc tcttctagag agtctgaaga cagctacttg      420
```

<210> 577
<211> 492
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(492)
<223> n = A,T,C or G

<400> 577
```
cactatccga tgaagatatg accatggtgc tgaagaagac agcgacnngg angatcagga       60
cctggataaa atgtttgngg cctggcttgg agaactggac aggcttactc agagttgnga      120
tnctgacaag cccaaggaac acantaataa ngatctnctc ttnnccngga annaantatn      180
ngcaactttt nttnccgctt ntccatatac aacttgnatg aanctntgaa tnatngngag      240
actgtgnacc tggatnccct gatggctgac ctctgntcta tagagcagga gctcagcagc      300
attgnctcag gaaatagtaa gcntnacgtc acagaaccnt aaagttcctc agaagctacc      360
tgctgnccga catacgtcac aacatggcac cctgagagga ccgtcatctt cctctaatag      420
aacaactaaa ccttcccatg ctaactactc cctggatgac atcactgctc agttagaaca      480
ggcttcctcc tg                                                           492
```

<210> 578
<211> 165
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(165)
<223> n = A,T,C or G

<400> 578
```
agaagtctgt ggaatgttga gcatctgagg ggnaacatat ggnggcacca tcccaggcat       60
tccaaatgga tttggtcggg ctgttntatc aatacnngaa ganaataata tggacaactg      120
gtnaagagaa tgcaatannc ncagtncagc cccagtagcc caggg                      165
```

<210> 579
<211> 357
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G

<400> 579
```
aggctccctg ctgccccatc ctggccacaa ctttgtgcgg caccatctta gaaaccgtcc       60
cgacctatat ggccccttct ggatctgtgc taccctggcc tttgtcctgg cagttactgg      120
caatctcact ttggtgcttg cacagagacg ggacccctcc attcactaca gcccccagtt      180
ccacaaggtg accatagcag gcatcaccat ctactgctat gcgtggctag tgccgctggc      240
gctgtggggc ttcctgcggt ggcgtcaggg cacgagggag cgcatggggc tgncaccttc      300
ctgganacag tctggngtct acgggctact cactctttgg nttcatccct actgggg        357
```

<210> 580
<211> 437
```

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(437)
<223> n = A,T,C or G

<400> 580
```
gactgagatg agcagtttgc agatcaaggt aagacaaagt caaagcagac accaatggtg   60
ttatcaaaac cagcaccact tgcagnaaaa gacaggagga agaggagana gagggacaga   120
gcttgctcan tctttacttc aacnnagctg atcanaagca atcttggnng nataacaccc   180
anccaagtcg ggaaggtcct tgcaaaggga ncccaagcct tccccngctc tacttcangt   240
ngaagnncct ttngaangag cnttcgcctt gaaaacctnn agcttctccn anggangtnt   300
acngccnagg ggcttcaatc ggaccgtccc aggatcnang gaagaangct nttgcccata   360
gangnttgct ggaccccccnc agnaaactng attnggcaag tcncagnttt ggtncttggg   420
aagaacagct ggccttt   437
```

<210> 581
<211> 345
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(345)
<223> n = A,T,C or G

<400> 581
```
agactgaggt caagtggact ccagctaant actgtcaatc aacagcctgt ttcccttcca   60
cctgcctatt cctgagggtg aggtcttttc cctggtccca ggacttcccc acccctcctc   120
caaataccaa gactatgggc ttaaaagttt caaatgggtg ctggagagat ggctcagcag   180
ttaagagcac cgactgctct ttcgaaggtc ctgagttcaa atcccagcaa ccatatggtg   240
gctcacaacc atctgtaatg gaatctgatg ccctcttctg gggtgtctga agacagctac   300
agtgtactca catatattaa ataaataatt ctttaaaaaa aaaaa   345
```

<210> 582
<211> 397
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(397)
<223> n = A,T,C or G

<400> 582
```
ccactgagct gttgaataag tgctncagct ncgncttggg agtttgnctt gccagacngc   60
tctgctnttg cacctgaaca gcccangggc canngtggac cctgnnacan tcatngagag   120
gggcaggttt atgctaancc tatgtntaca acagtntttt ggggggtgta gntccaccac   180
ntgccacatt cacttgnnat ganggcnctg tagncaagct agcacccaga gccccttnca   240
aggctacaca attacaggtt cctcggccac tctggaactg aaggggcaag cctgctccna   300
ngnnacccta nccnggngtg ctggccgaca gnctaggccc acatctctgn tttgctggct   360
tccnttgtac tctcaacccc tgccttgttc tgggatc   397
```

<210> 583
<211> 122
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(122)
```

<223> n = A,T,C or G

<400> 583

```
catgatccca cctcccccca gtctcccggg ccctcctcgg nctggcatga tgcctgcccc      60
ccacatggga ggccctccca tgatgccaat gatgggcccc cctccgcccg gaatgatgcc     120
cg                                                                    122
```

<210> 584
<211> 254
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(254)
<223> n = A,T,C or G

<400> 584

```
actgagggtt ccaagnctgc cctttggtat tcaaacggga gccgctttgg actgactggc      60
tgccttcctc ctcctccccc tcctcccct tctgcttcag atttatttat tatatgtaag     120
tacactgtag cagttgtagg acacactaga cgagggcacc agatctcatt gtgggtggtt     180
gngaaccacc caccatgtgg ttgctgggan tngancnnag gatcttcaaa aaagcagncg     240
gggggtctaa cccg                                                      254
```

<210> 585
<211> 274
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G

<400> 585

```
gactgaggta ctacataaat agccaagnnt attccatttt tagtaccagg agttctatta      60
aattagagta tgaaggaaac tcatttgtat catggaaaat accagaaagc tgtaaagttg     120
aaaacactac atcacccann acaacactac nctgcntnag ggctggantt cacacantna     180
anccaatngc tggannccaa naagtggaac ggcctctgac tgtggntaat tcttatatnt     240
gctacttgcg ggatttcaca gacgggtaag tgga                                274
```

<210> 586
<211> 467
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(467)
<223> n = A,T,C or G

<400> 586

```
gacctgaggc caggccatct gccttcaccc gctctatgtc atgcttccct gcaccctggc      60
tgcctcccta gctttcatgc tacccgtggc cactccaccc aacgccattg tcttctcttt     120
tggaggcctc aaagtgtctg atatggcccg tgcaggattc ctgctcaata tcatcggagt     180
gctgactatc acattatcca taaacagctg gagtatccct atcttcaagc tggacacatt     240
tcccacctgg gcctactcca acacaagcca gtgccttctc aatccgccta attccactgt     300
accaggccac tagactatgg tacaacctag ctctgctagg ggaaaagccg ctggtgccac     360
tcctcggagc caggagaggg cgctccaaac tccaagtccc gggacagagg tgcagaatcg     420
gntgggcgca tgcgaaatca tgtattcgng tgtttgccta catcctg                  467
```

<210> 587
<211> 477
```

<210> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(477)
<223> n = A,T,C or G

<400> 587
```
gggaaacgc cgacctgant acnntccta agcccaacag acactcacac tggttcgtca   60
tgaagtcgga gaaattccat gatgagctct ccgaccacgt attctttacg tntctgatcc   120
agaactgaat ggtaattctc cagaacagcc ttntggtact cctcactgaa catgcgaggc   180
ggggtcctgg gattcaacgc aaaaggagta tcagagccgg gcctgacgtg agatccactc   240
gaccaccact aaaagatctg tcctgatgcg gggctgtact aactgcagga ctcaactgat   300
gctggctcag agaccctgct gtntgatgtc agctagcatt agagagactt taaaggacac   360
gcctggcagg gggggctggc gtatgccntt agtcacagcc ctggannagg cnggaggagc   420
tcttgagttt gaggccagcc tggnctacag aacgagttnt gggacagcct gggctgg   477
```

<210> 588
<211> 477
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(477)
<223> n = A,T,C or G

<400> 588
```
gactgaggtg tgcatgcctg cgtttccatg aatgacgcat accaggagga cagaagactg   60
atacaccagg ctggagttac agacagttgt nctcnngttg actnaggagg nngcannctn   120
cttngnctgc tgngccatca ttgctggatg cctttannta ctgaganang nttctactgt   180
gnntccnngg ngtttnntan ntcnacctca antaacatgn ggttggnngc taacnnttta   240
tgtntttnag aagtgacttt nancttctgg ncctcctatc tnctcctctt cctcctcttc   300
ctcttcttca tcctcatcct ccccttcctc tncctnctcc tntncctcct cctnctgaga   360
gctgggacca caggtatgta ccacacgccc agcttataca gcacactctg cagactgagc   420
tcaagtgcgg tttcatgggt gtggatggca aaaggtgttt aagctaaaag gaattca   477
```

<210> 589
<211> 305
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(305)
<223> n = A,T,C or G

<400> 589
```
actgagaaca cccatcatgg tagttggaag aaggatcgtc ggctcacccc tcctcncctt   60
cgttcaggca cacctgccag aggcaagacc tcngtggntn ggatgaagtc ntcttctnct   120
atgtgcttgg gggtcctgga aggacctggc cccccttcaag ggaccatnag agaagaannn   180
ttgttntggg aggcctttac tagaaatgaa gggangctta tgngcctggc ttttnncnac   240
atcccnagag gtatgnggng ggaaantntg ntgcnanaat cttnttgggg gcagttgaac   300
cgatg   305
```

<210> 590
<211> 358
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
```
153
```

<222> (1)...(358)
<223> n = A,T,C or G

<400> 590
ctgccatcat gctgtnacat tcaccataga tagaanactt ncntntntag gggaganacn      60
gacaagacat cntatcgaca gcaactataa aagtgcatat ccncannnnn gatgancctc     120
ctttnatcga ccagctgggc tttggngngg ccccaggctt ccagacgttt gtgtcttgcc     180
aggagcagag gctcatctac ctgccctccc cctgggcac ctgcaatgct gttaccatgg      240
actcggattt cttcgactcc tacagcatca cggcctgccg gattgattgn gaaacgcgtt     300
acctggtgga aaactgnaac tgccgtntgg tgcacatgcc aggggatgcc ccatactg       358


<210> 591
<211> 517
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(517)
<223> n = A,T,C or G

<400> 591
tgttaccttt agtgaacaag agcatgttcc caaactcaat tttgggtcgt ccacccttca      60
ctncaacccca ccaacagcat aataacttct ttgctctctc accaactctt tattcacacc    120
agcaacttat agatgcacaa ttcaactttc aaaatgtaga cttgtctaga gctgtgtcct     180
tacagcctct gacatatgga actgtcagtc caatacagac cnggancatc tccatttatt     240
tcgaggaagg aagagaataa gcgatgaaaa aagcttttcc tcttgatggn aaacggcagc     300
gtttccattt caccccacca agagccaact ataatncaac caggctagng cctttatcaa     360
gggtgacaga aggatatttc catgcccacc ggntgtttca cacgcactat ataccagaat     420
atagtncaga tggtggtccc accctnntng nagaaattnc cacctgnana gaaaccctcc     480
gagaaaatna caactngccc tggagggcca aagataa                             517


<210> 592
<211> 307
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

<400> 592
cacatttttg gtcacngaca gcgatatctn aataggagga actgggcagg agcagggcat      60
tctctccagc aggngagtgg tcacgactac tacaactcca acccgaaggc catcactacg     120
ggcttaaatg gccgattcgg ctaccgccgg aacactccag ccctccgcca gcncacatcg     180
gtgtttggag aagncacacc atttcccatt ttctgaagac attgcgtcac aaggcttgac     240
ctgcgtcttc aagacagatg tttagatgaa ctgtcaacga tattctatat ttttaaagat     300
tgattcg                                                             307


<210> 593
<211> 275
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

<400> 593
gctgttgaag ctgcggntca gggtgnggcc atcaccggga ccagactttc acaactggaa      60
ctggcccaat gcaatgattt ttgntgncac agtcatcacc accatcggtt atggcaatgt     120


154

```
ggctcccaag accccagctg ggcgcctctt ctgtgtcttc tacggcctct tcnggggtgc      180
cgctngngcc tgacatggat cagtgccctg ggcaagttnc ttcgggggga cggngcaaag      240
aggttagggc cantttctta accaaggaag aggag                                 275
```

<210> 594
<211> 334
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(334)
<223> n = A,T,C or G

<400> 594
```
aaatggcttc caaaagagct ctggtcatcc tggccaaagg agcanaggag aatggagaca       60
gttgattcct gtggatgtca tgcggctagc cggtattana gtcactgang cangcttcgg      120
nttgnnaagn gaccccgggg cacnngtaaa cccgtgatgt aantggatta gtaccaaaat      180
accuagccct ngaaaagatg caaaaaacgc nttggaccat tnccaaangn aggggggtnc      240
cttccngggn aggaaatcnt ggntgccnaa aaatttnatc tcattcgcct tannggggaa      300
tgnaaaaccc tcaagnggcc cgggaaaaga agga                                  334
```

<210> 595
<211> 493
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(493)
<223> n = A,T,C or G

<400> 595
```
gaactgagga tccttttgtg gcattccaca tcaacaaggg tcttgtgaga aagtatatga       60
actctcttct gattggagag ctggctccgg agcaacccag ctttgaaccc accaagaata      120
aagcgctaac tgatgaattc cgggagctgc gggccacagt agagcgaatg ggcctcatga      180
aggccaacca cctcttcttc ctggtctacc tgcttcacat cctgctgctg gatgtggctg      240
cctggctcac cctttggatc tttggaactt ccttggtgcc cttcatcctc tgtgcagtac      300
tgctcagtac agttcaggct caggcaggtt ggctacagca tgactttggg cacctgtcag      360
tctttggcac ctcgacatgg natcacctgc tacntcattt tgngattggn cacctgangg      420
gggcccccnc cagctggngg accacatgca tttcagcacn atgccnagcn tagctgcttc      480
cgcaaggacc ccg                                                         493
```

<210> 596
<211> 115
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(115)
<223> n = A,T,C or G

<400> 596
```
ggattgaaaa tgaattngat tcctaaatga gaagctcgag ggtgaggcac cgtttcgaac       60
tctgcngtgt gcaangaaga cgaggaagtt ccagcatggc ctcgggggga tgttg           115
```

<210> 597
<211> 205
<212> DNA
<213> Mus musculus

<220>

155

<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 597
ctgaggtgta cagagccaat gggccagatg gagctgtggg ccgaggccag agaatccacc   60
tgcagttatg ggacacggcg ggggcaggag aaggtttcgt agcttaaccc actgcattct   120
tcagggacgc ttttgggttt cctgctttct tgttcgacct ggacaaatga ancaaagttt   180
cctcaattgt ccgaaactgg ataag   205

<210> 598
<211> 166
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

<400> 598
tgaggatgag ttccacccgt tntnngaggc gctgctgccg catgtgcgcg ccttcgccta   60
cacctggttn aacntgcagg cagcgcaagc gcaagtactt caagaancnc gagaagcgca   120
tgtccaagga cgaggngccg ctnttttta tgatcaatat gagaga   166

<210> 599
<211> 325
<212> DNA
<213> Mus musculus

<400> 599
atagaaggtg gtgatggact acagctcaga aaggaacata ctctcaaaat atttgcttat   60
atcaattcct ggactcagag gcaatgtcta tgctgcttca aggaatataa gcatttggag   120
attttaacc aagtagtatg tgcacttatt aatttagtca ttgcccaagt tcaagtgctc   180
cgggaccagc tttgtaaaca ttgtactacc attaacatag attccacgtt ggcaagatga   240
gagtaatcaa gcggaagaac cactgagtat agatagagaa tgtaatgaag gaaatacaga   300
aagacaaaaa tcaatagaaa aaaaa   325

<210> 600
<211> 500
<212> DNA
<213> Mus musculus

<400> 600
gactgaggta tttacataag gaatttgcag agtcctggtc agttccaagg ttggcagaag   60
gctttgatgt cagcactgat gttatccgaa gggtttaaa aagtaagttt gtacccactt   120
tagagcagaa actgaggcag gaccaaaagg tcttgaaaaa agctgggttt acccgagaga   180
ttggtcagct ccccgtttct gaagatacct tgaaggcgct cagtgcaggc cgctctgtgt   240
ctggcctgct gatgggaggg gatgaagtct cctctaaaag tcagaatcac agcacagctt   300
tgaaagtggc gaagtcgcac cctcacagca cagacgcaca gaagaaacgg gaagggaggg   360
ataaaagaat ccaagtcttg gaagagagcc tagtgcctgc caccacagcc ttgggtcatc   420
agcgagagct tcagaaatcc cgccaccagt gacttccgag gccaccggaa gagctggcag   480
tgatacgtta ccaagtgctg   500

<210> 601
<211> 149
<212> DNA
<213> Mus musculus

<400> 601
gactgagagg aagacgaaca gctctcccca ctggagccat aactttaccc atgagccttc   60
actctcagcc agggcagaca agagcccagc gcgtctgaga ctgttcctgc tctgacccag   120
atatccaacc tgctagtgtg tgaggtcat   149

156

<210> 602
<211> 339
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(339)
<223> n = A,T,C or G

<400> 602
gtccatact acaaggaacc cactgatctg gtngaanaag atggccaaga ttactacntt   60
ngcgaccagg ngagatgatg cagcagtgat atngtagcan ggnacttcat tgagcangct   120
ganttntcng ggnacctgtn cgggacatgn anggaagntg tcttggctga gcangccatn   180
aacctcatct gcgtgctann ngtatgacct acnggggggg cgcngcatcn anaagactgn   240
tcttgtgtnc gattctacat ctttgggcag cctncctcgc tggacgtgct ggagcaacga   300
ctgcnacngc gcaacactga gactgatgag agtctggca   339

<210> 603
<211> 452
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G

<400> 603
gaccccattg tgatagctca tcgcttgtct accgtncgta ntgctgacgt cattgctggg   60
gntgatgntg nngtnattnn gnagcaagga antcatgatn agctcatgag ananaagggc   120
anttacttca aacttgnnat gncncanaca gcagtgaaat ganattgant tatggnatt   180
gaancttgta aatctaagga tganattgat aatttagaca tgtcttcaaa agattcagga   240
tccagtctaa taagaagaag atcaactcgc aaaagcatct gtggaccaca tgaccaagac   300
aggaagctta gtaccaaaga ggccctggat gaagatgtac ctccagcttc cttttggcgg   360
atcctgaagt tgaattcaac tgaatggcct tattttgtgg ttggnatatt ctgtgccata   420
ataaatggag gcttacagcc agaaaaaaaa aa   452

<210> 604
<211> 471
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 604
actgagaatg gtccagaact acccatgagt cagtttggct ggagctcgtg agcattcaat   60
aatgagtggt gcggctttag gacttganat tgtttttgnc ttttttctgg cattgntcct   120
cctgcatcgc tatggagact ttaagaaaca gcacagactg gtaatcatcg gcacactgct   180
tgcttggtgt ctctgctttc tcattgtctt catactgccg ctggatgtca gtacgacaat   240
atataaccga tgcaggcatg ctgctgcaaa ttccagccct cctgaaaata ccaacgttac   300
gggactggat gcatctgtca ctccagctcc aagacagcat ccatgtttca agccgnggag   360
ttacattcca gatggaatca tgccaatttt ctggagggta gtttattgga catcacagtt   420
tttgacgtgg atcctgtnac cttttatgca gncatatgca agatctggag g   471

<210> 605
<211> 408
<212> DNA
<213> Mus musculus

```
<400> 605
cactgaggat ggcctcaggc aaagtacgct gcacccgaaa gctgcggagc tggatcgtgg      60
agcaggtgga gagtggccat ttcccagggg tgtgctggga cgatgcagcc aagaccatgt     120
tccggattcc ctggaagcat gcaggcaagc aagacttccg agaggaccag gatgctgcca     180
tattcaaggt gagagttcct gaaggcaccc caaagcactt ttgtctgttt ggggtttgga     240
taaaggaaat actagaaagt agaacctggg ctggtgagat ggctcagcgg ttaaaagcaa     300
ctggctgctt actcttccag aggtcccgag ttcaattccc aacaaccaca tggtggctca     360
caaccatctg taatgggatc tgatgccctc ttctggtgtg tctgaaaa                  408

<210> 606
<211> 279
<212> DNA
<213> Mus musculus

<400> 606
ctattggaag aggcaaccat ttcagtttgc aagtctttgg ttgaaaacaa ccctcgaaca      60
ggaaatcttg ctgcgctaac taaggtcttc ctatctagaa ccagggagct caggctctca     120
gccgagtgtc agaaccacat cttcatctgt cagacacaca atgctctgtt tattatttgc     180
tgcttgctga aagtgttcat ccgtgagctg tctgaggaag agctgcagct tcattttaca     240
tatgaagaaa agtcccccgg cagctacagt tctgactct                           279

<210> 607
<211> 535
<212> DNA
<213> Mus musculus

<400> 607
gactgagtat aggtactgct tgctttctgc actaccaccc tcaagaaact cagctataca      60
agttggggga atgaatgaga aacgtcattt cactcattat gtacagacta cacgggactg     120
cagcagtcag agcccaaagg acccactgat gaagaggaaa atatcgctaa gagcaaagga     180
caggcaactc gaggtggaac agtgtaaaga cctaggtgt tccatttggc cacacctaag      240
gaaacacctc cttcttgtct gaagaatggt tgagtgctga tctaaggatc agcatcgagg     300
cacttacttg aattaaaaaa cctactataa aatgcattcc gaatagtaac caggccgggt     360
agaggctggc gacggctaaa cccttctccg tggtgtctgt ttttgtacac aacgctacga     420
aggggaaag ccaggcttgt gggtattctt acactcacgg ctaagaccca gaagccgggg      480
cagcatcagg accagatccc aatttcccaa atgactggca ctgaagaggg ggaag          535

<210> 608
<211> 458
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(458)
<223> n = A,T,C or G

<400> 608
gactgagaca gctctggccc tcctgctgct cccatagccc gaattanaac caccaggaag      60
aaagaatctt atactgattc tgtggaggac ctgagatccc ggggatgtgg ccactggaca     120
gtgcttcggt ctcttcacct gaggggagcc tcccccctaaa gaagaaactg agtagagccg     180
tgacagggag acgccattca cagacgaatc tgaagtcact gcaccttgaa gggtagatgg     240
gtgcacaagg aatgggcggc atgctgtccc gtttctccca gcactggaca gaaccaagct     300
gtgctggtgc aacccttaa tcccagcacc tgggaggcgg agacaggtgc atctctgagt      360
ttgaggccag gctggtctct agttccagga gagccaagaa tccttaaatt taaaatatat     420
gatatatagg tcaatcacan agtgcttgcc tagcatcg                            458

<210> 609
<211> 531
<212> DNA
<213> Mus musculus

<220>
```

<221> misc_feature
<222> (1)...(531)
<223> n = A,T,C or G

<400> 609
actgagctgc caatggtgtc cttaccatac tggaacttac caagaccggc taacaaagct   60
gcaggaccac cttcggcaac tttctattct cttcaggaag ctgcgactgg tctatgacaa   120
atgtaatgag aactgtggtg ggatggaccc cattcctgtt gagcaactga ttccatatgt   180
ggatgaagat ggctcaaaga acgacgaccg ggctggtcca cctcgttttg ctagcgaaga   240
gagacgagaa attgtagaag taaataagaa actcaaacag aagaatcaac agctgaagca   300
gattatggat caattacgga atctcatctg ggacataaat gccatgctgg caatgaggaa   360
ctaaagcgat atttaaatct cctgctctac tcatgtgatg aagttgggtt ttttcccccc   420
tcttgagtat tcctccctttt gaaaaacgtt atttatgtct ttattttaac agctagcact   480
aaagnttctg ttttcacttt aaaagtattt actagctttt ttttaatact g   531

<210> 610
<211> 441
<212> DNA
<213> Mus musculus

<400> 610
tgaggggca gctggcatcc tctgctacgt gggagcctat gtcttcatca cctatgacga   60
ctatgaccac ttcttcgagg atgtgtacac agctcttccc tgccgtggtg atcatagctg   120
taggagcctt gcttttcatc attggcctga tcggctgctg tgctacaatc cgggagagcc   180
gctgtggact tgccacgttt gtcttcatcc tgctcttggt tttcgtcaca gaagtggttg   240
ttgtggtttt gggatacgtg tacagagcaa aggtggagaa cgaggttgat cgcagcattc   300
agaaagtgta taagacctac aacgggacca actccgacgc tgccagccgt gctattgact   360
atgtgcagag acagttgcac tgttgtggaa ttcataacta ttcagactgg gaaaatacag   420
attggttcaa agaaacaaaa a   441

<210> 611
<211> 400
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

<400> 611
gaactgagta acaggatctc ggtgactggc tcattgtgga aagtacagtc tctggagtag   60
aagaggagga ctgagaacta caggctcaga tctctattna gacatccaac agaattaata   120
ctatcattgg ctataacatg aagctattgn gttaaaggan agaagtcgag tgntaaaaga   180
cttcctactc caggatatcc tactgaagaa gtccagaana agcatggtgg ccctgactga   240
cagcagacat gctgnctgat gctaggctgc nggggctgcg tgtgctntcc cacccttttgt   300
gnctngaagn ngacngtgct caaanngatg ngganaggan cggagtccgg anatcactgg   360
gactcggaca tcgnctacac ngagggttga acccacaggt   400

<210> 612
<211> 393
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(393)
<223> n = A,T,C or G

<400> 612
catgcgctgt ggatatggag acagcccttc aaaaggagca gttccatatg tgcaagcatt   60
tgactcgctg cttgccaatc ccgtggcaga gtacttgaag atgagtaagg agatcggggg   120
agatgtgcag aaacacgtaa ggacacggng gccctttctt tctcctccta tttaaggact   180

```
ggangctttt cttcacatct cttcaccctc atcatagggg cgtccggnag cccctgact     240
cctttcttc ttcctttatt ggtccaggaa cagaaatggg gttcatttt ctaggtctcc      300
tgttttatta catattctgt gtgtttcttt tatgacaaag cttgnntggt cataaaatac     360
aactgngntc atctttgtgg gggaaaaaaa aaa                                  393
```

<210> 613
<211> 465
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

<400> 613
```
actgagacca gatcactcct ggntgaagtg acagctgtgg tgaagattga aaaagatgtt      60
ggtggcaata atggggggtag cggcaatggt ggcggtgccg ccttttctca gactcgaagc    120
agcagcacag gcagtagcag cagcagtggt ggcggaggag ggcagcagaa ccagacatca     180
ggaggctcgc tgcaaggaag tcagcagaaa gagggagagc aaagtcagca gacacagcaa     240
caacaaattc ttattcagcc tcagctagtt caaggaggac aagctcttca ggcccttcaa     300
gcagcaccat tgtccggaca gaccttcaca actcaagcta tttcccagga aacccttcag     360
aacctccagc ttcaggctgt tcaaaactct ggtcccatca tcatttcgga caccaaccgt     420
ggggcccaat ggacaggtca gttggcagac ccttcagctg caaat                     465
```

<210> 614
<211> 234
<212> DNA
<213> Mus musculus

<400> 614
```
gactgagcct acacagtcca gacatccgag ggtgtacgcc caacagccgc ttctgaggcc      60
cgtttgaaag ccttggctgt ttgccacggg cctctggacc actacgactt tctgatcaaa     120
tctcaggagc tgagggagga tgaacatcaa agaagagtcg ttcagtgttt gcagaagtta     180
caggaggacc ttaaaggata cagcatagag gaaggagggc tcttttcaaa gctt           234
```

<210> 615
<211> 194
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(194)
<223> n = A,T,C or G

<400> 615
```
gaggccataa taacttcntg tggnactctc agaggccngn acacngaagc atggcttggt       60
nccataacac angaacnngc atcgaaggcg ngngcngang ggcccacagg ccnacagnag      120
gagagggccc caaagctacc aagggagnct ctggccacan atgngactcg ttgntcctcc      180
tgggactgcg atgg                                                        194
```

<210> 616
<211> 128
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(128)
<223> n = A,T,C or G

<400> 616

```
gactgagcct gtgcctactg cactagccca agtggacaga gagaagatct atcagtggat        60
caatgaactg tccagtcctg agnnagntnt ccatgatgtc tcaaagnata agctttaaga       120
aaagaaca                                                                128


<210> 617
<211> 484
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(484)
<223> n = A,T,C or G

<400> 617
tctggggagc tcctgcatta agtcagactg aggctacgag ggccccggtt ctgtactggt        60
gtctccggtg ccgcaccaga tgctgcccta catgaacgtg ggcacgctgt cgcgcactga       120
gctgcagctg ctcaacccag ctgacttgtc ggcggaagcg gcggcaccgc accatcttca       180
ccgatgagca gctcgaagcc ctgggagaac ctcttccagg agacgaagta cccagacgtg       240
ggcactcggg gagcagcttg ccccaggaag ggtgcacctt cggaaggaga agggnggagg       300
tctggtttta agaaccgccg agccaagtgg gagacgacag aaagcgatcc tcntcggagg       360
agntcagaaa aacgcccgaa gaagtggaac aaagaacgtc ctnaaaaagc cttcgccgga       420
gaagagggga agaaggaagg taaaagcgat ttggactnng gacagcttga cgggccgcgg       480
cccg                                                                    484


<210> 618
<211> 464
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(464)
<223> n = A,T,C or G

<400> 618
tgttcaatcc aatgactcca ccacaagtca atagctatag tgagccatgc tgtctccgac        60
ccctccacag ccaaggagtc cccagcatgg gaacagaagg actttctggt ctgccctttt       120
gccaccaagc caactttatg tcagggtccc agggttatgg agcagccaga gagaccagca       180
gctgcactga aggatctctc tttcctcctc ctcntcctcc tnggagtana gtcanattaa       240
caaagaggcg gactctntcc atntcgcccc tttnngatgc cagcctggac ctgcaaaccg       300
naatccggaa nctnacccaa ctnacntggg aggntntnat naactntcgc tgtacatann       360
ngggcggttn ctacggncat ctntccattg nnaccatgag cccttcttaa ggattcccac       420
ctnagatgag ncatcaaaaa ggaacttcac ctcccttatg gagg                        464


<210> 619
<211> 495
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 619
gagccgttca gtccaatgca ttgatagtta atttgacaga ttcaaagggt acttgccttt        60
atgcagaatg ggagatgaat ttcacaataa catatgaaac taccaaacca aaccaataaa       120
actataacca ttgcagtacc ctgacaaggc gacacaccga tggaagcagt ttgtgggat        180
gaccggaata gtgccaaaat aatgatacaa tttggattcg ctgtcctctt gggcctgnga       240
attttaccaa ggaagcatct catttattca attcatgaca tcgggctttc ctacaacact       300
tagngatagc acaagtattt tcctgggngc tgnagctaaa gggagttcat actggttaaa       360
aancctggag aattttcaaa gntncctttg naaggccatc ctttaagggg caatagnggt       420
```

```
tttaaactta acaaaccctg acttccctgg ccgttcaaaa aatattgggg ggnatttcnc      480
cctgcaggct ttttg                                                       495


<210> 620
<211> 274
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G


<400> 620
tctggggaac ctcctgcatt aagtcagact gagggcngna cccacagtcc agtaagctag       60
atggcagngt tactatngat ctacnggcnn gatggctatc ccagcangtt gntcctggnc      120
tacaaagtct tgnatgacnn gangaaggcc atccctggnt ttcctcttgn gncgcacaan      180
acccgnctgc acattgcana ggacccctct cttggactat gagtacttgc ccntgntgnn      240
cctgaaatca ttcatccngt cttctttgga actc                                  274


<210> 621
<211> 501
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(501)
<223> n = A,T,C or G


<400> 621
tgcttactga gcgtcananc ttncacatgg aacangttga aatatgctga actacgtgcc       60
cggcagcaaa tggagcagca gcagcagcat ggccagacac ctcagcaggc gcaccagcac      120
acgggagggc cggggatggc cccacttgga gccacaggcc accctggcat gatgccgcat      180
cagcagcccc ctccctaccc actgatgcac catcagatgc cgccacccca tcctccccaa      240
ccaggtcaaa taccaggccc tggctccatg atgcctggcc agcccatgcc aggtcgcatg      300
atccccgctg tggcagccaa cattcaccct actgggagtg ccctacccc tcctggtatg       360
cctccaatgc ccggaaacat cttaggaccc cgggtacccc tcacagcacc aaacggcatg      420
tgtaagtagc acagtgggac gacattaccc agcatcctgc tttggaagct acagataagg      480
aagaaatgct ttcttcgtga a                                                501


<210> 622
<211> 323
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(323)
<223> n = A,T,C or G


<400> 622
gactgagaat cctacnattc ctcatcatga cnccttctca ggncactttt gaaataagag       60
gaactctttt accangagag gnctttgcaa tatgnggaag ctgcgatgcc ctgnnaaact      120
gnaatcctca aaatgctgcg gctcttatta ntgaanacga cacaggagac agcgngttgt      180
ggaaagcagc gattgctctc aatanaggag ngncagngaa gnaccgcnac ttcagaggcn      240
gctttttaga accannggaa ggatgtcttt atatattntt ttattactgn aggacttngc      300
atagtancaa ctttaagttt gaa                                              323


<210> 623
<211> 138
<212> DNA
<213> Mus musculus
```

162

<400> 623
gactgagaaa gagtagttga gcagctgcgc agaacctgat agtcaaacaa gagcagccgg   60
acaagttcca gatacagcca ttgtcacagt ctgaaaacaa actacaaaca gcacagcagc   120
agccactaca gccactgc   138

<210> 624
<211> 383
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(383)
<223> n = A,T,C or G

<400> 624
gactgaggtt tgatctgtgg atgaaatgaa tcatgatttt caagctcttg cattanaatc   60
tcggggaatg ggagagcttt tgcctaccaa aaagttttgg gaacctgatg attcaacaaa   120
ananggacaa ngaggcgtat ntcttggcna ngatgaangg anagagactg catggggaac   180
ttctcatcat tcaatgtccc agcctattat ggtgcagaga agatctggac agagttttca   240
tggaaacagt gaagtaaatg caattctttc tccacgctca gaaagtggga ggccttggtg   300
tgagcatngg tagaatatgt attaagttcc tctcctgctg ataaatggga ttctcgattt   360
aggaagggaa cttttggaac tat   383

<210> 625
<211> 363
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(363)
<223> n = A,T,C or G

<400> 625
gactgagagt ctatgatgga agtcaaaggg aagaaaaagt ttacaggaaa gagtccacag   60
acatcacaag gaaagaataa atttcataag aacagtgagt ctagttcttc aaagacattc   120
ccaaggaaag ctgttaagga aggcggacct aaagtcacat ctaagaactt tgagaaaggt   180
gccacaaaac ctggcaagaa aggtgtgaag cagttcaaga acaagccaca aggggggcaaa   240
ggaccgaagg acaaatttca gaaggcaaat anattcagca agaagcggaa attccagcca   300
gatggtgaaa gtgatgaatc aggagccaag aaacccaagt gggatgactt tcaaaaaaaa   360
aaa   363

<210> 626
<211> 540
<212> DNA
<213> Mus musculus

<400> 626
tctcccgact ctcgagagac tacattcgtc gtcctcctct tgctgcttct tgccgtgcct   60
ggagttactg tccgtctctt aagaagtctg ccaggccggt tacatttctc tttccacgag   120
ctccttaccc ataagtatct tccctgagct gtcagtcgct gacccggttg actttcgacg   180
ccccctcccc aactcctcgc aagcctgatc tctgaccttt gaaccctaga caccctcatc   240
aacactcttc cctcagtgta tccccacatc caacagtcgg gatgccgggt gctcccacat   300
cctctctgtt ccaaataagg cccaccccag gtaggttgtg gctgaggagt acgagcctga   360
ggacagcaag agtttgtagt atatagtcca ctgagatccc tgacgcctcg ctccacatca   420
ggaaggtccc accctgaaat tccggctcca catacaggat cttgagtctc cgaacacctg   480
gatccttcga gatgtgaggt cctgtgtcca ggtgagcagt gtgctcttca aaaaaaaaaa   540

<210> 627
<211> 639
<212> DNA
<213> Mus musculus

163

<220>
<221> misc_feature
<222> (1)...(639)
<223> n = A,T,C or G

<400> 627
ggcggttttga agcctctgtg atcgaggagc ggcgcaaggg cgcggaggac ctgctgcgct   60
tcacggtgcc catccctgca ctcaacaaca gcccccaact caaggagttt ttccgggggcg   120
gggaggtgac acggccctct gaggtgtcca gggacctgcg aatcctgcca ccccctctca   180
tccccacacc acctccggat gaggcccggc tacttcagcc gctgcctgcg gaaaggaggg   240
gccaggagga gttggaggtg ccagtggatc ccctcccgtc cagccctgcc caggaggcct   300
tggaccttct cttcagctgt gacagtacgg aggaagcttc cagctccctg gctcgaggtc   360
ccctctctga ggctgaactt gcccttttcg acccttactc caaagaggaa agtacaggcc   420
ccagccctac ccacacaggt gagctggcag ccattgaggt agagtccaaa aggctggacc   480
aggaaccctg ggagccagga ggacaggagg aggaaaaagc tgaggatgga gagcctgccc   540
cagcttacct tggccaggcc acagagctca tcactcaagc cctgcggaat gaaaaggctg   600
gcgcctacgc tgctgntntn caaggctacc aagaagggg   639

<210> 628
<211> 770
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(770)
<223> n = A,T,C or G

<400> 628
gtggggtctt tcagtgctgg accctgactg ccaagaagaa ctacagggca gatggcatcg   60
ggagcagccc actctctaat caggatgctt tccgtctatg gtgcctcttc aacttcctgt   120
ctgaggacaa gtacccgctg atcatggttc ccgatgaggt agagtatctg ctgaagaagc   180
tccttggcag cctgagtttg gagatggggcc tgggcgagct ggaggagctg ctggcccagg   240
aagcccagtc agcccagacc gccgtggggc tcagcgtctg gcagtttctg gaactcttca   300
actcaggccg ctgccttcgg ggtgtggggc gcgactccct cagcatggcc atccaagaag   360
tctaccagga gctcatccaa gacgtcctga agcagggcta tctgtggaag cgagggcacc   420
tgcggaggaa ctgggccgag cgctggttcc agctgcaacc cagcagcctc tgctactttg   480
ggagtgagga atgcaaggag aaacgaggca ccatttcccc tggatgctca ctgctgtgtg   540
gaggtgcttc cggaccgcga aaggaaagcg ctgcatgttt tgtgtgaaga ctgccagccg   600
cacctatgag atgagcgcct cagacacccg ccagcgccag gaagtggacg ggccggtcac   660
nngcncgccn tnngtttanc tgggcctgtt caccgaaant gaccttttgg ggccccttt   720
ncggtaggng actaanaaca aggcttgact cccgtccggc tctgcccttaa   770

<210> 629
<211> 521
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(521)
<223> n = A,T,C or G

<400> 629
gacgtctggg gagctcctgc attaagtcag actgaggtcc cttcactgat gttgtcacca   60
ccaacctaaa gcttggcaac ccaacagacc gaaatgtgtg ttttaaagtg aagaccacag   120
cacctctgca ngtactgcgt gcggcccaac agtggggtca ttgatgccgg ggcctctctc   180
aatgtgtctg tgatgttaca gcctttcgat tatgatncca atganaaaag taaacacaag   240
tttatgngtt cagnctatgt ttgctccacc tgactcttnt nanatggagg cagtatnnca   300
ggnggcaanc ccggaagacc ttatggattc aaaacttaga tgtgnttncn antcngccac   360
catnaaangc tagtccacat gntgnagaaa tanataaaat catacctacg gagtgcntnc   420
aanacanaag caccggcagc cgcaaagtcc ctgacatcgc ccctcgatga cacagaagta   480
aagaaggnga tggaagagtg caggcggctg cagggggggag g   521

<210> 630
<211> 800
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(800)
<223> n = A,T,C or G

<400> 630
```
gacgtctggg gagctcctgc attaagtcag actgaggtgg ggtctttcac gctggcttcg        60
cgagcagtcc ggacccacga tcgcttttgg caaccagaac cggcgcttca gcccccgggg       120
tgacgtgcag cccgccgccc agacacatgg ccccgagccc aagaccccag catgtcctgc       180
actggaggga cgcccacaac ttatatatan tgtacgaant gatgntnttg ctcagtcggg       240
cctggagccg cctgaggggc ccagaagtcc cagaggcatg gctggcaaaa acagtaacag       300
gagcagatca gatagaagct gcggctctgc tgacacctac ccctgtctct ggtaacctcc       360
tccctcatgg ggagactgaa gaaagtggat ctcctgaaca gagtcaagca gcccagaggc       420
tctgccttgt ggaagctgaa agttcccctc ctgaaacttg gggactttca aatgttgatg       480
agtacaatgc aaagccagga caagatgacc ttagagagaa ggaaatggaa cgcacagctg       540
gcaaggccac actacagccc gctggcctgc aaggggctga taagaggctt ggggagggngg       600
tggctagaga agagggagtg gctgagcccg cttatcccac atcacagntg gagggtggnc       660
cagcttgaga atgaagagga tggagaaaca gtgaagactt accaagcttc tgctgctttc       720
atagctncgg gatacaaacc cagcacccct gtgccttttt tggggaggca naacatcaag       780
ccacggaaga aaaaggaaca                                                    800
```

<210> 631
<211> 658
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(658)
<223> n = A,T,C or G

<400> 631
```
gacgtctggg gagctcctgc attaagtcag actgaggtac ccacccggcn gcatggcaac        60
cctacagctg ntcatagctc ccttgctgtg nntcctgctt ngggtctttt gngctccagg       120
tgccagancc catgaccatg nggctgatgn ccatnatggn agcntggncc tggataagan       180
cacagtgcac gaccaagagc acatcntgga acatntngaa ggtgncatcg accaaccaga       240
ggcggagatg tccccacagg aactgcagnt ccattactta aaantgcatg attacgacgg       300
caacagtttg cttgacggcc tanagctctc catagccatc actcacgtgc acaaggagga       360
ggggagtgag caggcgccag tcatgagcga ggatgagctc gtcagcatca tagatggtgt       420
cctgagggac gatgacaaga ncaattgacg gctacatcga ctacgctgag tttgcaaaag       480
tcactgcagt agaccgttgg ctcttttcct tttgtgcaca tgtgaccctt gctaatgnga       540
tggacgtgtc tggtaatgcg aaacaactta tttccgtcta ctgctcaaca ctttttggtaa       600
aaaccctgtg gcannctgnt anaatggggt ggaggaaana aaccacatga ctggggaa        658
```

<210> 632
<211> 247
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(247)
<223> n = A,T,C or G

<400> 632
```
gggtgagcca tagactatcc taggaaacca aaccagggcc cngcnttgtt cagagagggg        60
acagataatg nactccctga nccgnngnat cnaggatagc accccacagt gcatncctgn       120
ctattnagag gcacanactc tcagcacgtg ggagaccttg ctacctacgg acaatncttg       180
```

165

```
atntacagnt gtattgccac ttncttgctc aacaaacctg ttactttntt ggaaataata      240
tttaatt                                                                 247


<210> 633
<211> 378
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(378)
<223> n = A,T,C or G

<400> 633
ccatggtaac atgcttatnc tgtntacact tctatatgga caagaagtct aaactaggaa       60
cctacctact ctggacaacc attcccatct ccacccanag gacaccaatc atcgtgacac      120
cacgtccatc ttttactaag ttcccccaac ctcttcctcc tctcactagt agacttaata      180
cagaagcaag gatctaggcc gggtgttgct actctgaaac ttattgcacg agatattgtc      240
aanttatccc ctaactgacc tcccagagaa gaaagaagtg ggaagaaacg gcgaatagaa      300
ggcaagagac actgatcagt tagaggggaa actctacatc ttctctggtt gagagtctgg      360
naactgaaga aggcaaaa                                                     378


<210> 634
<211> 248
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(248)
<223> n = A,T,C or G

<400> 634
ttatcatggg gcgcaagttg gatcctacga agaaggagaa gcgtggaccc ggccgaaagg       60
cccgaaaaca gaagggtgcg gagaccgaat tggtcagatt tttgcctgca gctgncgatg      120
agaattccat gaggctgtcn agtcttnccc gaatncgggc anccaagagg agggcaggat      180
ctgttgacgt ccctaagcca aataagtctc ctgggatcaa aacattgcct ggagagttat      240
ccaaagga                                                                248


<210> 635
<211> 683
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(683)
<223> n = A,T,C or G

<400> 635
ggactttgaa tatgtcgggg atcgccctca gccgccttgc gcaggaaagg aaagcctgga       60
ggaaggacca ccctttggc tttgtagctg tcccaacaaa gaaccctgat ggcacaatga      120
acctgatgaa ctgggagtgc gctatccctg gaaagaaggg gactccatgg gaaggaggct      180
tgttcaagct acggatgctt ttcaaagatg actatccgtc ctcaccacca aaatgtaaat      240
ttgagccccc actgtttcat ccaaacgtgt atccttctgg cacagtgtgc ctgtccatcc      300
tggaggaaga caaggactgg aggccagcta tcaccatcaa acagatctta ttaggaatac      360
aagaacttct aaatgaacca aatattcaag acccagctca agcagaggcc tacacaattt      420
actgccaaaa cagagtggaa tatgagaaaa gggtccgagc acaagcgaag aagtttgccc      480
cctcataagc agcggccctg ggctccatga cgaggaaggg attggcttgg caagaacttg      540
tttacaacct tttgcanatn taagtcgctc cgtacagnta ctantcncct ggganggntg      600
agcgggcncc attttccttt tccgccattg gatattcagn cttttgattt ttgantatta      660
annaaaactt gcttttattt taa                                               683
```

<210> 636
<211> 665
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(665)
<223> n = A,T,C or G

<400> 636
```
tctggggagc tcctgcatta agtcagactg aggtcctcag tatggcagcc tggagcgggc      60
gtggggcgcc atgatgacag aagcagataa ggtcagcgag ctgcaccagg aggtgaagaa     120
cagcctgctg aatgaggacc tggagaaagt caagaactgg cagaaggatg cctatcacaa     180
gcagatcatg ggtggcttca aggagacgaa agaggccgag gatggcttcc gaaaggccca     240
gaagccctgg gctaaaaaga tgaaggagct agaggcggcc aagaaggcct atcacttggc     300
ttgtaaggag gaaaggctgg ccatgacccg ggagatgaac agtaagacag agcagtcggt     360
caccctgaa cagcagaaga aacttgtgga caaagtggac aaatgcagac aggatgtgca     420
aaagactcag gagaagtatg agaaggtgct ggaagatgtg ggcaagacca caccacagta     480
catggagggc atggagcagg tgtttgagca gtgccagcag tttgaggaga agcggctggt     540
cttcctgaag gaagtcctgc tggatatcaa acggcatctc accctancgg aaacagcagc     600
tacttgcatg tctaccgaga actggagcag gccttccggg gggcccgatg ccccaggagg     660
acctt                                                               665
```

<210> 637
<211> 233
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(233)
<223> n = A,T,C or G

<400> 637
```
acttgcaaaa ttatgaagga ntctanaagc agagganaac ataaaagncc ancnccttng      60
nnccncttat ccncaccctc cctgagtctt ggcatggaca cacctataa ngaccttcct     120
gggngcagata catnctcgna tgtgaaggga gaaaagctta ctcgctgnaa acttgccagn     180
ctctacaggc tngcagactt gnttgggngg gcgcacctgg caaatacgta cat            233
```

<210> 638
<211> 343
<212> DNA
<213> Mus musculus

<400> 638
```
tctggggagc tcctgcatta agtcagactg aggattacaa cattccagag tcccactggg      60
gaagaacaag atacttcaat aaatgaagga gaacaaagaa aactcaagcc cttcagtcac     120
gtcagcaaac ctggaccaca caaaaccatg ttggtactgg gataagaagg acctagcgca     180
cacaccctca caacttgaag gactcgatcc agccactgag gcccggtacc gccgagaggg     240
ggctcgcttc atctttgatg tgggcacacg tttggggttg tatcctgaat ctctgggatt     300
tgttgtgaat aaactccatc accaagaatt agattaaaaa aaa                      343
```

<210> 639
<211> 596
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

167

<400> 639

```
tctggggagc tcctgcatta agtcagactg agnattaaat ctgagagaat ctgacatcag      60
agtgtgtgat gaatcatctt gtaaatatgg aggtgtctgc aaagaagatg gagatggttt     120
gaaatgcgca tgccagtttc agtgccatac aaattacatc cctgtctgtg ggtcaaacgg     180
ggacacctac cagaatgagt gctttctcag gagggctgct tgcaagcacc agaaagacat     240
aaccgtggtg gcgcgtggac cttgctactc tgataacggn tctggatctg gagaaggagc     300
agaggaggaa ggctcaggag caggngctna caggaancat tccaagtgtg gaccgtgcaa     360
gtacaaggcc gagtgtgacg aggatgcgga gaacgttggg tgagtntgta atatagnctn     420
cngtggcttc acnannnnac nctncccgcg ntgangangg ancntcctan aatgnccgnt     480
gtgtcntccg aaaggcgact tgcataaagc actgaacnga tcgacanant agcnngtcng     540
ccnctggnca tacacagatg angtggagat tattgnnaaa gaaggacgac gggctg         596
```

<210> 640
<211> 578
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

<400> 640

```
cccagttgtg acatgatgga actaaggcgc cgttatcaga acttatatat tcctagtgac      60
tttttttgatg ctcagtttac atgggtggat gctttccctt tgtcaagacc atttcaactg    120
ggaaattact gcaattttta tgtgatgcac cgagaagtag agtccttaga aaaaaatatg     180
ggctgttctt gatccacctg atgctgacca cctgtacagt gcaaaggtaa tgctgatggc     240
tagccctagt atggaagact tgtatcataa gtcatgtgct cttgctgaag acccacaaga     300
ccttcgtgat ggttttcagc atcctgctag acttgttaag tttctagtgg gaatgaaagg     360
caaggatgaa gccatggcca ttggaggcca ctggtctcct tcgctggatg gaccaaaccc     420
agaaaaagat ccctctgtgt tgattaaaac tgccattcgt tgttgnaagg ctctgacagg     480
cattgatcta agngtatgca cacagnggta ccggtttgca nagattcgnt accatcgccc     540
tgnggagacc cacaagggggc gnacagttcc agctcatg                            578
```

<210> 641
<211> 716
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(716)
<223> n = A,T,C or G

<400> 641

```
tctggggagc tcctgcatta agtcagactg aggcctgaaa ctcagcaccg aggctctgca      60
ccccactccg agagcgacat cccagagcag gaggaggaga ttctagggtc tgacgatgac     120
gagcaggaag accccaatga ctactgtaaa ggaggttatc atcttgtgaa aattggagat     180
ctatttaacg ggagatacca tgtgattcga aaattgggct ggggcacactt ttccacagtg     240
tggttatcat gggatattca gggaaagaag tttgtagcaa tgaaagtagt taaaagtgct     300
gagcattaca cagaaacagc actagatgaa atccggctgc tgaaatcggt tcgcaactca     360
gacccgaatg atccaaatgg agaaatggtt gttcaactac tagatgactt taaaatatca     420
ggcgttaatg gaacacatat ctgcatggtg tttgaggttt tggggcatca tctactcaag     480
tggatcatca agtccaacta tcaggggctt ccgctgcctt gtgtcaaaaa aattattcag     540
caagtgctac agggcctgga ttacttacac acccaagtgc cggatcatcc acaccggaca     600
tcaaaccaga gaacatcttg ttgtctgtga atgagcagta cattcgaagg ctggctgcag     660
angccacana gtggcagcgc tcangagctc ccccaccatc ggggtcttgc aggctg         716
```

<210> 642
<211> 276
<212> DNA
<213> Mus musculus
```

168

<220>
<221> misc_feature
<222> (1)...(276)
<223> n = A,T,C or G

<400> 642
gtctggggag ctcctgcatt aagtcagact gagtgctcca ctccagctac gggaactggt   60
gaactgtcgt tgggcggaag aagtgacaca gcagcttgac actctccagc tgtgtagtct   120
caccaaacat gaagaaaatg agaaagacaa atgngaaaat caccatgaaa aacttagtag   180
tgttttgctg gacttgtnag aagtgtatct gccatnagtg ngcnctttgg ggaggaatgg   240
ngngcnganc aaatgttntn tttggtttac atacta   276

<210> 643
<211> 102
<212> DNA
<213> Mus musculus

<400> 643
gaacggtcat caaagctccg ctgtgcttgg ttactggtgt tcctggcagg ttcctccgtc   60
ctcttatatt acacctttca ttctcagtca cttcattaca gg   102

<210> 644
<211> 781
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(781)
<223> n = A,T,C or G

<400> 644
gtttatcaat gccagcaaga agaatagtgc agcccatgat tgaccagtca aatcgagcag   60
ngagccaagg agcagcntat agtccanagg gtcagcccat ggggagcttt gtgttggatg   120
gtcagcanca catgnggatn cggcctgcag gacccatgan tggaangggc atnantatgg   180
gcatggatgg ccagnggcac tatatgnann cttngccatg tnangcaatc tctnggcaag   240
gggaagtttg canagcatgc cnggggacta cnttnctcag ggtggtccnn tgggaatngn   300
tatggcccan ccaagttaca ctcctnccca gatgacccca caccctactc agttaagaca   360
tggaccncca atgcattcat atttgccaag ccatccccac cacccagcca tggtnatgca   420
cggaggaccc cctacccacc ctggaatgac tatgncanna catagcccca caatgttaaa   480
tnctgtacat nccaatgttg gcggacaggt tatggacatt catgcccant attttaangg   540
aactcnngga anaaggaaac acacncaaaa actattttaa gactctctga actttgacca   600
natgtgacac ttaatatgaa actccagaca nctgtgatta ttttttactt tnntggnatt   660
tntcatcnag caacagagga ccantgngac angaacacan atgtgaaagc gacgggctca   720
tcgtgacaat tttgnccatg caaagatcct ttggagaaan actncgagag ttataactac   780
t   781

<210> 645
<211> 158
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 645
gcctgagccg ggctgggctc ccatttgggt tgatgcgccg ggagctagca tgngagggct   60
accccatcga gctgcggtgc ccggggagtg atgtcatcat aggtggtggc aaacgggcag   120
gatgagtatt taataaaagt tcgcaagttt ccaaaaaa   158

<210> 646

<211> 117
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 646
actttccctc cccccttga tctcgctgcc tgtgaaagcc ngggnntagn tcaactaaga   60
cgcctcctgc gagaaagcca gagaagagct anggggctgg gggaaggagt ctaaaat   117

<210> 647
<211> 105
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

<400> 647
cattagtcag actgaggcgn caagcccatc tgngtgngct cgcatccaac tgtgatgagc   60
ccatgtntgt caagctggtg gaggcacttt gtgctgaaca ccaaa   105

<210> 648
<211> 212
<212> DNA
<213> Mus musculus

<400> 648
gaaagcgatt tcgctcacgt tttattagca caaggaagac agccggctcc ccgaggcaga   60
agatcgcagg caccattcgc tcgccaccca gactctgcgc gcagccccgg agccagagag   120
gaggatcgtg aaccgaagcc agcttcgcag ttctagtttt gaaagcgccg ctggaaaggg   180
gcttaaatcc gctttttttt tttttaaagg gg   212

<210> 649
<211> 299
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

<400> 649
ctttggggag ctcctgcatt aagtcagact gaggaagcca gagctatgca gttctccagc   60
tcatccagga catcagatga gaatgtggac tatttgttca aggtcatcct aagagcttgt   120
ccggatggtg ctgaatggct gangacattc tgtatcccga gtctgttcct tgcccagtgt   180
gatttctgtg tggctccaga ggctcccctg tcacagcacc ttgcccattn ggtttctttg   240
aggatgatgn ctgccttcac caaataaaat ttgctntctt tgccctcaaa caaaaaaaa   299

<210> 650
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)

170

<400> 650
```
caggaaagaa aggaaaggaa aagaaaaata gagagggcaa ggacaaggaa aatggctctg      60
tatctaccag tgagacacca ccacctccac caccaaatga aattagtcct ccacatgctg     120
cggaagaaga ggaagatgnt gactggtngg gaggatacta attgtggaat cntcnaaggc     180
nctngnatgg ttgngatcnn tgaccatnct nanaggtctg acacttaaat gttgattt      238
```

<210> 651
<211> 359
<212> DNA
<213> Mus musculus

<400> 651
```
atgttcccct tctctggctg ctggaggact gaactgttat tgttgctact cctggctgtg      60
gctgtgagag aatcctggca gatagaagaa aaatcgtgtg acctggtagg agagaaggat     120
aaggagtcaa agaacgaggt ggctctcctg ggagaggtta cggccactgt ttaacaaaag     180
tttttgagagt actgtgggcc agggctcaga cacatacagc tacatattca gagtatgccg     240
ggaagctagc aaccactcct ctggagcagg cctggtccag atcaacaaaa gcaatgacaa     300
ggagacagtg gttgggagaa tcaacgagac tcacatcttc aatggaagta atagaatca     359
```

<210> 652
<211> 771
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(771)

<400> 652
```
gacgtctggg gagctcctgc attaagtcag actgagtgcc accatggcaa ctgcaccgta      60
caactactct tacatctttta agtatattat tattgggat atgggagtag gaaaatcttg     120
cttgcttcat caatttacag aaaaaaaatt tatggctgat tgtcctcaca caattggtgt     180
tgaatttggt acaagaataa ttgaagttag tggtcaaaaa atcaaactgc agatttggga     240
tacagcaggg caggagcggt tcagagcggt tacacggagc tactatagag gagctgcagg     300
tgcgctcatg gtgtatgaca tcaccagaag aagtacatat aaccacttaa gcagctggtt     360
gacagacgca aggaatctca ccaatccaaa cactgtaata attctcatag gaaataaagc     420
agacttggaa gcacagagag atgttaccta tgaagaagcc aaacagtttg ctgaggaaaa     480
cggcttattg ttccttgaag caagcgcaaa aacgggagag aatggagaag atgcttttct     540
tgaggctgcc aagaaaatct atcagaacat tcaggatgga agcctggatc tgaatgctgc     600
cgagtctggt gtacaacaca aaccctcagc cccgcaggga ggacggctaa ccagtgaacc     660
ccaccccaaa gagaaagctg nggctgctag tgacctcttt gctctggccc ctcatttgac     720
ctttcacctn tgnctggtgg aagcagactt tttactggct ccttggcttt g              771
```

<210> 653
<211> 396
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(396)

<400> 653
```
actgagggga caaacaagtg actcctgtca cccctctggg tgccccttan aggccatcca      60
gcccaacctg accaatgtcc acagccaggg aacagccaat cttcagcacc cgggcgcacn     120
gtattccaga tngaccccac tacaaagcgg aactggatcc ccgccggcaa gcacgcactt     180
accgtgtcct atttctatga tgcaaccccga aatggtgtac cgcatcatca gcatnngggg     240
gngccaaggc catcatcaac agcactggtc actcccaaca ttgaccttca ccaaaacctc     300
tnagaagttc gggcaatggg gcagacagtc nagccaacac ttgtctacgg cctaggcttt     360
```

```
gcctctgaac agcagctgac ccagatatat ttgtat                            396


<210> 654
<211> 384
<212> DNA
<213> Mus musculus

<400> 654
gacgtctggg gagctcctgc attaagtcag actgagaaga tggacgacat gtcgcccagg    60
ctgagagcct ttctctctga acccattggg gaaaaggatg tggcctgggt ggatggcatc   120
agccgtgaac ttgccatcaa tttggtcacc aaaggtttca acaaggccta tgtcctgctt   180
gggacagttt cttctgatgc acaagaatga agcagagttc cagaggtgga tcatctgctg   240
ctgtggagct accggagtgt gaggcccgcc agagctccac ctgcctgaag gagtggtgct   300
cctgtttcct atagatatct ctggcctggc agctctacct cagataaagg ctacccatgc   360
tacctacaga caaccaaaaa aaaa                                          384


<210> 655
<211> 443
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(443)
<223> n = A,T,C or G

<400> 655
gaactgaggt tgcttctata actggatcac gagtttgctg cacaaagtac catgtctcga    60
tcccggcagc ccccacttgc gtgagctgtg ncntccatag nanggatgtc taggaatcag   120
atcccanaga gncccgggaa ggacccnanc acnctgacca cnatncanac ctgctgtngc   180
tgntcntnga ccttnatcaa atcctatgtn aagagggcgt nttgtaagga cggaaggaan   240
attaccctgg ganaagcnaa tgnaanttgg gctttantat tgtcacaact aaggttgggn   300
tgtaaaggaa nctcaactgt ctcttttaag ctactcaagc ctgaaaaaat aggcattta   360
gatcagtctg cagtgtgggt ggatgaaatg aattattatg atatgcggac tgacaggaac   420
aaagggattc ctccttgtc tct                                           443


<210> 656
<211> 398
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 656
gactgagatc ctgatggcng ttgtacagcg tggagcctgt ccaanatgaa gagacccctg    60
cctgtgccga tgagtttgac gactttgtca cntatgangc caangangng acngacagng   120
catatntggg gtntgagagc ncctacagng agcagtgaga ccttcacana ngaggacacc   180
agcaccctgg ngcacccctg agctgcngcc tgaaggggac gtggacagtg ctggtggctc   240
aggggtgccc tctgagtgcc tggacaccat ggaggagcct gaccatggtg cattgctgct   300
gctcccaggc agntcngtgc ttnacgctcc nagngtaggt gtttgtgnag tgcgcagtgn   360
anccttntag ttcnccantc ttgggctagg tgagccat                          398


<210> 657
<211> 107
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(107)
```

<223> n = A,T,C or G

<400> 657
actgaggctc agacaagaga aaagctctag aagagaccaa agcatataca actcaatctc   60
tagctagtgt tgcttatcaa atnnatgcat tggccaacaa aaaaaaa   107

<210> 658
<211> 462
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(462)
<223> n = A,T,C or G

<400> 658
ctgagggttc cggcgctncc cgtgaaaaac tngaatggca ctggccctgt ncacccagcc   60
ttgctcaggg ntgaccgnga tnctgctgtg tgcagcgtag ctgccgangt gcctgacacg   120
agcacccaaa cccatcctgc acccaccacc agtangcaaa agcnactgtn gaagcctgtg   180
cctgnagtgc ccggngtgtg ccgaaagacc aanaaaaaac acctcaagaa aaagcaagaa   240
tcctgaggat gtggttcgga ggtacatgca gaaggtgaaa aaccccgcct gatgaggact   300
gtaccatttt gcatgggagc ggctgntcac agnatctggg ctatgagggc gtgctccgaa   360
aacaagagtg tgcggnccga gcttgtgggc cgnctgggcc gtngggggnca natgtatcac   420
ntggntctgn ctggnggcca tgtactccaa tggcaaaaag ga   462

<210> 659
<211> 416
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(416)
<223> n = A,T,C or G

<400> 659
ctgggagatg tgacgccaca caatattaaa cagttgaaga gactgaacca ggtcatcttt   60
ccagtcagct ataatgatga attctacaag gatgngctag aggttggcag agctagcaaa   120
acttgcatat ttcaggngat atagctgtan gtgcagtgtg ctgcangggn tggatcattc   180
acagnaatca aaagagacct ttncntcatg acactaggga tgccttgcac cttaccgaag   240
actaggaata ggaactaaaa tgttaaatca tgtcctaggc atctgtgaga aggatgcncn   300
cctttttgac aanatctatc tgcatgtgca ggatcagnna gttgagncca gcngattgac   360
ntcttacccg ggaaagtttg gctttttgag attatccgna gacaggagaa caactt   416

<210> 660
<211> 125
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 660
gaagagtggc agacagaaag aanaggctct ggtccaaaga gagaggatgt gtctctggaa   60
catggatgcc attancaagg atgtttttaa taagagtttt attaatcaag ataaaagaaa   120
aacaa   125

<210> 661
<211> 349
<212> DNA

173

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(349)
<223> n = A,T,C or G

<400> 661
ctcgaccctg cctgaccggn ctctanngaa ctgncagtac agttcagnca ccttcancnc   60
angtgagcgc aagcgaaggc ctcatggaga ccggaagtct tgtgagatgg ggctgcagct   120
acgacagacc ttcnaggcag gcatnctcac acagctgcac ccccgctctc agatcgacat   180
ctacgtgcag gtgctgcaag cagatggtgg gacctacgca gcatgtgtga atgcagccac   240
gctagcagtg atggatgctg ggatacctat gcgggacttt gtatgcncat gttcagctgg   300
ctttgtggat ggcncancac tancggacct canccacgtg gaggaagca   349

<210> 662
<211> 156
<212> DNA
<213> Mus musculus

<400> 662
gactgaggtg tggaaatgta aactttgcta ggagaccagc tgtaacagat gtggtcgagt   60
tgcagtaatg tgaattgggc tagaagatca gagtgtaaca tgtgtaatac tccaaagtat   120
gctaagttag aagaaagaac aggtaagaaa aaaaaa   156

<210> 663
<211> 513
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(513)
<223> n = A,T,C or G

<400> 663
gactgaggtt gaagctggaa tttgcccctt acgagcaaga agatgatgag tgacgctagt   60
gacatgctgg ccgcggcgct ggagcagatg gacggaatca tagcaggttc taaagccttg   120
gagtattcca atgggatttt tgattgccaa tctcccacct ccccatttat gggaagcttg   180
cgcgctctgc accttgtgga agacctgcgt ggattgttgg agatgatgga aacggatgag   240
aaggaaggat tgagatgcca gatcccagat tcaacagcag aagtgcttat tgagtggctt   300
caaaatcaaa tgacaaatgg ncatctacct gggancggan atgtgtatca agaaaggttg   360
gcacgtntag aaaacgacaa ggantccctn gttcttnang caagtggtac ttgagnccat   420
tcctttntna ngacangtgg nccttncaac tttgaatctc atgtatgtgc aacacctgta   480
ttaanncacc tgaatattac atgccatcta agc   513

<210> 664
<211> 252
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(252)
<223> n = A,T,C or G

<400> 664
acgtgttcga ggatgatagg gaagggacga tcgggagaga tttccatcga tgacattcgg   60
ataagcactg atgncccncn ggagaactgc atggaaccca tatcagcttt tgcaggggnc   120
nccctcncag nnaggnaccg agcccncagg gnacncangn gcccgttcta ttncatncca   180
gnctactngt attacgttat ggcggccggg gnccnccgtg ctggtgcttg gcggggggggg   240
gcctgccctt gg   252

<210> 665
<211> 322
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

<400> 665
gcccttgctg tcagtgcnna gtgaaangaa tgcggagttg anangtgagg anntggctnc   60
tacttnagac ngacgagctg aatgatgccc ctgnttgcgc ccncgnaatc anatgacagc   120
gaggacactc ccagcangct cttcggggcc agaggaaaca canncttacc agatccagga   180
actnctgagc agnaccaggt ctgtcagncc catcccanct ttccagttgn gccacagcct   240
cttctgacgg cacaacagtt agccctttgc tgtgncccgg ggcgatgccg nnaggccccc   300
catccctcaa tcaggcaatc ct   322

<210> 666
<211> 348
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(348)
<223> n = A,T,C or G

<400> 666
aatcaggaat gattctccat cccagagaga tgaagtaatt caatggttgg ccgaactcaa   60
ntaccagttc aacctctatn cagaancatt tgctctggca ngcagncttt tggataggtt   120
tttagctaca gtaaaagccc atccaaaata tttgaattgt attgcaatca gctgtttttt   180
tctggctgct aagactgttg aggaagatga gaaaattcca gtgttaaagg tattggcaag   240
agacagtttc tggggatgtt cctcatctga gatttttgaga atgggagaga attattctgg   300
ataaatngna ttgggatctt nacacggnta caccattgga tttttctt   348

<210> 667
<211> 162
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 667
ggctctggcg gccactggga aggaggaggg cctgagcgcc cggctgctgg ccctggtggg   60
ntctgntctt tatcgntggn ggcattatag ggaagantgc cttgnanggg ccgatgcgaa   120
ggatggcagg ntggattgan ggatctacca caccatggga tt   162

<210> 668
<211> 295
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

<400> 668
ctttggaaga agaaccagga tgactttgag tgtgtgacca ctcttgaggg ccatgaaaat   60

```
gaggtcaagt cagtggcttg ggccccatct ggcaacctct tggctacctg cagcagagat      120
aagagcgtgt gggtctggga agttgatgaa gaggatgagt atgagtgtgt cagtgtcctc      180
agctctcata cgcaggatgt taagcacgtg gtttggcacc cgagccagga gctttttagct      240
tntgctagct atgatgacac agngaagcta taccaggaag aagggggatga ctggg          295


<210> 669
<211> 219
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 669
gactgaggtt gtggagcatg gcctgtttgt cangcactgc acngtggaag tgtatttgct       60
gganctgaag ctctgtgaga tcagtgaccc caccantgtg ctaagntgcc attttagcaa      120
agcagacacc attgcaacta ttgagaagga gatgaggaag ctcttcaaca tccctgcaga      180
acgtgaaaca cggctttgga acaaatactt gagcatcac                            219


<210> 670
<211> 519
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(519)
<223> n = A,T,C or G

<400> 670
gtctggggag ctcctgcatt aagtcagact gagtcctaac aggggcttta cagaaatgca       60
ctgtatgagc ggccactcta attttgtgnc ttgtgtgtgt atcataccct caagtgacat      120
atatcctcat ggactgattg ccactggagg aaatgaccac aatatttgca ttttctcgct      180
ggacagtcca atgccacttt atattttaaa gggtcacaaa gatactgttt gtagtctttc      240
ttctggaaaa tttgggacat tacttagtgg ctcatgggac accactgcta aagtctggct      300
gaatgacaaa tgcatgatga cattacaggg tcatacagcc cgcagtatgg gcagtaaaga      360
ttttacctga acagggctta atgctaactg gatcagcaga caagaccatt aaactatgga      420
aggctggaag atgtgagagg acttttttag ggcatgaaga ctgtgtaaga ggcttggcaa      480
tcttgagtga gacagaattt ctttcctgtg caaacgatg                            519


<210> 671
<211> 431
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(431)
<223> n = A,T,C or G

<400> 671
tgaggtgatg ctgggagcag aactccaaaa gnccagaagc ttcgtgaagc tatggctgcc       60
ttaagaaaat cagctcaaga tgtccagaag ttcatggatg ctgtcaacaa gaaaagcagt      120
tctcaagatc tacataaagg aaccttgggt caggtgtctg gagaactgag caaagatggg      180
gacctgatag tcagcatgcg gattctgggc aagaagagga ctaagacatg gcacaaaggc      240
acccttattg ccatccagac tgttggncta ggantanaat acagagtgaa ngactgacna      300
ccaaggaccn agtntgctat ccaggaacc atagtgncta tnatnaccac ccttccgctn       360
actatgctgn ttgaggacan ccgantggtg nccaagtaca aagatggaaa tcangcctgg      420
ctttatgctg g                                                          431


<210> 672
```

<210> 386
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

<400> 672
```
tggcactctc ttttctgctc ttaccctgcn ncaacattcc tttccaggga cagccngntg      60
ananctnttc acggagtgnt gnaccntgan gcgangantt taaaagttgn ggcttgaaag     120
acaggaagat acggatggct tcctcgtctg gcaacagacg atgatntcac tatccccaga     180
gctgntntna atatgatgat caaagagact cttnctaatg tccgggtggc cancgatgcc     240
cgagagctgg tagtgaactg ctgcacggaa ttcattcacc ttatatcttc tgaagccaac     300
gagatttgta acaagtcaga anagaagact atttcaccag agcatgttat acangcactg     360
gaaagtttgg gctttggctc ttacat                                         386
```

<210> 673
<211> 253
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 673
```
ttcctaacat gcttgagttn cgaaccagtn ttncttggag atgaacnctn tttngcaaga      60
gcgaggnncn naaancnttn nctttcagga catggaatct gaattggaga anacagaagc     120
tnagctcaat gcagnagtca gagagaaanc atctctctct gcgagtaatg cttcactngg     180
aaaaacggnt tactgaatta accagagcca acgagctact aaaggctaag ttttctgaag     240
atggtcacca aaa                                                       253
```

<210> 674
<211> 127
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 674
```
gactgagatg ggagatcttt ggtcagcncn ncctatgaag gtgaatgctt cccaggctcg      60
tcagtttaaa ccttgtatta agcaaataaa tttccctaca aacctcatac gactggaaaa     120
aaaaaaa                                                             127
```

<210> 675
<211> 408
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

<400> 675
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gacatggtgt tactgtggag tttatgataa tgccttaaac aatgacaact acaaccttgc      60
tagaggcttc aattaccacc aaggacctga gtggctgtgg ccaattgggt attttcttcg     120
```

```
tgcaaagttg tattttttcca aaatgatggg cccagagact gctgcagaag actgtatngt    180
ttggttaaaa atgttctttc tagacattat gttcatcttg agagatcccc atggaaaggc    240
cttccggagc tcaccaatga gaacggccag tactgccctt tcagctgtga gacacaggcg    300
tggtcaatgg ctgntgttct ggaaaccctc tatgatttat agttggctca taaatagtaa    360
ttgtgtgaac acttgacatt attgaatgca aggtcataaa gaaatgta    408


<210> 676
<211> 433
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(433)
<223> n = A,T,C or G

<400> 676
actgagtctc catgaagtgc caggagcacc cgtgcgtgtc ccctgtctct aatcatgtgt     60
atgagcggcg actcattgag aagtacattg cagagaatgg cacagatcct atcaacaacc    120
agcctctctc agaggagcag ctcatcgaca tcaaagttgc tnacccannn cgacccaanc    180
ctcnctccgc caccancntc ccagccatnc tgaangcctt gcacanatga gtgnnatgca    240
ggnnatgctg cacaggtnca ctctncgcca gnaactgctg acaacccggc aggagctgnn    300
ccatgctctg taccaacacg atgcttgcct gccgagtcat tgcccggctn acnaaagagg    360
ncactgcngc tngagangct ntggctactc tnaanccaca ngctggnctt atttgtacct    420
caggctgtgc caa    433


<210> 677
<211> 111
<212> DNA
<213> Mus musculus

<400> 677
aactgagatc cggacatggt ggcagtgttg gaagtgatct ccagtctgga gagataccccc    60
atcaccaaag aggcactgga ggagacacgg actagggaag ctcatcaatg a    111


<210> 678
<211> 495
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 678
gactgagaga ctgtgaatcc tgcaggatga ctgaatgaac ccttgattca cggacatgcc     60
ggaggagttc aacatgggca cacgactg tcacagacgg cagattcngn tnctacttgn    120
gggngnngaa ganntagcct ntctacangt tncannnnga tnnaagggag nacntngntg    180
ntggcggaac acctgacttc caggcaacta gggtgaggat cttataccca tacccactgt    240
gacacaacca ttccaaccag gtcacaccta ttccaacaag gccacacctc cagatggtgc    300
cactccctgg tccaaggata tacaaaccat cacattccac tccctggtcc ccatagactt    360
gttcaaaaac atgagtctat gggggccata cttaaacaaa gcataatgca aaatgcattt    420
agtccaactt tcaaagtcct catagtctat agcagtccgc aacaacatta aaagtccaaa    480
gttcaaaaaa aaaaa    495


<210> 679
<211> 423
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
```

<222> (1)...(423)
<223> n = A,T,C or G

<400> 679
gactgaggaa gccagagcta tgcagttctc cagctcatcc aggacatcag atgagaatgt   60
ggactatttg ttcaaggtca tccttattgg ggactccaac gtggggaaga catgtgtggt   120
tcagcatttc aaatctggag tctacagtga gtcccagcag aacaccattg gggtggactt   180
caccgtgcgc tccctcgaga tagacggcaa gaaagtgaag ntgcnagggt ncacacacgg   240
naggncanga gcnctnccgn accatnaccc aaagctacta ccggagtgcc cacgcagcta   300
tcatcggtta tgatctcaca cggcggncca cattnaaatc tgtccctcac tggatccacg   360
agatagaaaa atatgggagc tgccaactng ntcatcatgc tgatcgggaa caaatcagac   420
ctg   423

<210> 680
<211> 166
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

<400> 680
taagagtgag ctggtacaga aagccaaact ggctgagcag gctgancgct atgatgacat   60
ggctgagcta tgaaggccnn aacagancag ggacacgaac ttttccaatg aagaagagga   120
attctactct nttgttgcct acaanaacgg tggtaagggg gccccg   166

<210> 681
<211> 206
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(206)
<223> n = A,T,C or G

<400> 681
tcgtacgctc tcaaccagag actatagcat gtgctngnat ctaccttgcn ngtagagcac   60
ttcaaattcc cttgccnact cggncccant ggnttcttct gtttggnacc acagaagagg   120
agattnagga aataatgcat agagacgctt agactntata ccatggaaaa agcctaacta   180
tgaatgagct ggaaaaggaa gtagaa   206

<210> 682
<211> 277
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(277)
<223> n = A,T,C or G

<400> 682
aggccgaagg actgaatntt ccataataca tncttaaaac cttcaagaat ggttctagca   60
gatcttggaa gaaaataaca tcagcattac ngctcattga gcantgccac cattatcaat   120
gaagaggtat ttaaatngct attgctgaaa gaaagtatgt ccagcattta ttggaagcag   180
atgttattat taacntaggg aagcacctca gaaaaatgtt aaagcctggc atttggttct   240
tgaaaanatg gccttcnggg gggggccaa aaaaaaa   277

<210> 683
<211> 151

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 683
cgcagttact cttttcatgt ataaagcagg gatgctgnat ctacctcaca cgggtactaa   60
aagcaaaaca cgggaatcca aagccctggg gcacatgccc gacatctgaa aagctggngg   120
tttctcccac ctcccttccg agtgcatgct g   151

<210> 684
<211> 471
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 684
gatggaagcg tccagactcc ggcagaaggc agaggagctg gtcaaggaca gcgagctgtc   60
accaccgaca tctgccccct ccttggtctc ctttgatgac ctggctgagc tcacaggaca   120
ggatacaaag gtccaggtac atcctgctac cagcactgcc gccaccacca ccgccaccgc   180
caccacggga aactccatgg agaagcccga gccagcctcc aaatctccgt ccaatggcgc   240
ctcctcggac tttgaagtgg tccctactga ggagcagaat tcacccgaaa ctggcagcca   300
ccctacgaac atgatggacc tggggccccc accccagag gacaagcaac ctgaagctcc   360
acctgcagcg cctggagacc acccttagcg tgtgtgcaga ggagccagac cacaagccag   420
ctnttnaccc acctgggccg catggcctnt agtttaaaaa aggtgggccc c   471

<210> 685
<211> 217
<212> DNA
<213> Mus musculus

<400> 685
gactgaggaa aggcctggaa gaagaggcca ccaaacaacc caaccctctc tccagtccct   60
tgatctactc gtcgcctgca tctggagacc caatggccca agcctactgg cagtgctacc   120
cctggcttat tctcctctgt gcatgtgcct ggagctaccc agagcccaag taccttggaa   180
gggaagatgt gagaaactgt tcaaccagcc ctgaggc   217

<210> 686
<211> 168
<212> DNA
<213> Mus musculus

<400> 686
gactgaggct ccagccttcc cccagccctg gttgaaatcc tcagtggtta ttcatgaaga   60
cgcacccacc atgtttttatg ggactcattg cattactagt gtaagataaa cctagttgta   120
ttcatttctt gtggctgatg taataaattt aaaacaacaa caaaaaaa   168

<210> 687
<211> 408
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

<400> 687

```
ccagcaccta aagaaggtcc tatgccagtt ntggcactta tgtagtgttt agaggcaggc    60
agcagggggc ctatngtcca tgtggacaca cacttcatcc aggctgncct actctcccgc   120
ccttgggctt ccttggcctn tgatganttn ggctgatggc caacacctca cagccatgag   180
accgagcaaa aagagactgg ggantttctc agctggcttt cgcccttcct canaggagtn   240
ggcccttggg accttgccct gaaagctggt gatcgctgnn aaccccacca tncctcccca   300
anggccttna tgggcacggg cccatgatct tnacctggtt tnagccctga gcgccntgag   360
tgcccgggcg ncnggancta cctggttttt agggaggatt cttggatg                408
```

<210> 688
<211> 452
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G

<400> 688

```
acacagcacc tgcctttgag ggccgcncgg agatctgata atgccctcaa ggctggntgn    60
ctatgctgnt gaaagctaat gaccatgagc tggctcaggc catnctgann gnagccagca   120
tcaccctgcc tcatggaacn ctttnnnaat gctatagacg agcnggccaa ccgcttataa   180
acctgcacca tctattgncc tgtccccacc tnntngaact tgctgctgca ncacacagga   240
ggagganagc ctgtatcctc cccnagccca cccctagtgn gcgccgngaa ttcccactga   300
aagtgcgcct cttccacagg caaggacgng aggntnaatg ccagcctgcc tgacaccggg   360
ggggcaact naagaggcag ctggcccagc cnggagggca tttgagccnt tcctggcana   420
natggttntt ttttgggaaa gctgcttaca ac                                 452
```

<210> 689
<211> 428
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(428)
<223> n = A,T,C or G

<400> 689

```
ataggagcag aatgttcagc agaggcctac atacnnaana ctctcgaggg aacaggcttg    60
ccatttcaca gttgatgaga gttctgtggc tgggaagaga gtcgacagta acgaaacagt   120
ctcgccatct tcactgcctt catctgtgag aactgctggg ctaaagcccg aaactggacc   180
cctcatgttt tggtcacagc aaaatatcac agaacagggt tactctgaca actctctgtc   240
cagagaactt acacttctgt ctgcctgcaa tgctgatagt tgtcagatgc caaaactcca   300
ctgccaccgt tcaccacccc ctttgccacc aaagaaatac tctacagcca gngcaccaag   360
gttagagaga gttggactta gccctgatgt cggggttacc gaggcgttta acactaatcc   420
ctccagcc                                                            428
```

<210> 690
<211> 306
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(306)
<223> n = A,T,C or G

<400> 690

```
gaaagcttga ggccttcccc anctggcaaa aatgaagaaa cagatccacc ccgttcctcc    60
tcaggggngg gnnactttnt ctttancacc atttcccaca atgccaagcc acacgggncc   120
ccttgccntn atcccnacct tatgattctt tatccttggc ttgggaanaa cagccttcct   180
```

```
tttaagcctc ccccaaagtc ccctctttgg aacccaaggt ttnaagggng ggggggggntc    240
ctaaaangtn tntccnaagc ctcataaact cttaatggaa actcaggaac ccttggattg    300
gacccc                                                              306


<210> 691
<211> 474
<212> DNA
<213> Mus musculus

<400> 691
gtgtatgtgt cttacaacta tggaaaatca ttcagtaaga tttcagagaa gctgaacttt     60
ggcgtgggca acaacagcga agctgtgatc tcccagttct accacagccc tgccgacaac    120
aagaggtaca tctttgtgga tgcttacgcc caatacctct ggatcacgtt tgacttctgc    180
agcactatcc atggcttctc catcccattc cgggcggctg atctcctcct ccatagcaag    240
gcctccaacc tcctcttggg ctttgacagg tctcacccca caagcagct atggaagtca    300
gatgattttg gccagacctg gatcatgatt caggaacacg taaagtcctt ctcttgggga    360
atcgacccct atgatcagcc aaacgctatc tacattgagc gacatgaacc ctttgggttc    420
tccacagtgc tccgcagtac agacttcttc cagtcccggg aaaacccagc cggg          474


<210> 692
<211> 126
<212> DNA
<213> Mus musculus

<400> 692
ggaagaaagc tcgcacattt gacttggagg ccatgttcga gcaaactcga aggacagcgg     60
tggaaagaag ccggaaaaca ctggaagcaa gagaaaaaga ggaagaaatg aacagaaaca    120
aaaaaa                                                              126


<210> 693
<211> 283
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(283)
<223> n = A,T,C or G

<400> 693
agagaagcca gccaaagaat gtctcgtggt attccagccg attcttccca cttccgatgg     60
gttaagccac cgttactgat tcgcatttgg tgtttgctat tggactgaac ctgctgatat    120
cctgacatga agcttagagt cgatctaaag aactacttct aaacaggtcc acaatgccct    180
tgtcctagta accgtatctc tcccctacct ctggtcggtg ctctagaagg gagattgatg    240
cattgnagaa ccccaaataa aataggcttt ggaaaaaaaa aaa                      283


<210> 694
<211> 434
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

<400> 694
ccaggtccca gtgataagaa atcagaacta ctgccagcta agtggaacag caataaagaa     60
ctgtatgccc tccggtatga gtctaaggat ggagccagaa aactccttct gaaagctgtc    120
tctgtggaga acggcatgat catcaacgtg ctggaacttg cacacagca ggtggcagac    180
ttgaccctga acttagatga ttatattgat gcagaagacc tgagtgactt ccacaggacc    240
tataagaaca gtgaggagct tcggtctcag atcagatctg gaattatcac acctatccat    300
gagcagtggg agaaggctcg tgcaaacagt cctccgaggg agttcccacc tgccactgcc    360
```

182

```
agagagggngg acccactcca gatttcctca caccgncctc atactancag gcagcctgct      420
tggcgtgatc ccct                                                         434


<210> 695
<211> 405
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G

<400> 695
ggaagaaagc tcgcacattt gacttggagg ccatgttcga gcaaactcga aggacagcgg       60
tggaaagaag ccggaaaaca ctggcggaac cagtatttgg aaggctgggc cagaggtggc      120
tgtcaccatt gcttgttgac ccagacagta tagaacattg tgacacacac tgatgttggct      180
gctgctgttg aatccctgct ttaatgagct gtaggagata cttaatgaag ccttacttcc      240
agatggcttt tccagatggt tggcagttct aggaaccacc ttagggtctc cagagaacac      300
tggcagtgng ctttttttgg ctctaactca gatctctctt gtactagagg acggtctgga      360
gtctgggaac agctggattt aaatcaagtg ctgtgatagt acttg                      405


<210> 696
<211> 101
<212> DNA
<213> Mus musculus

<400> 696
ggaagaaagc tcgcacattt gacttggagg ccatgttcga gcaaactcga aggacagcgg       60
tggaaagaag ccggaaaaca ctggaagcaa gagaaaaaaa a                          101


<210> 697
<211> 433
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(433)
<223> n = A,T,C or G

<400> 697
gtcggatcat aaggcagcct tctgtcagtc tgctctgccc cttccctcga ggagcgccct       60
gccttgctga ctttctctgc ctctggcttc ctgtgatagg tggtgtcatt cccctccaac      120
ctgagtgctg gcaggtacac tgctggccac cagcagatgc ccatgaagat gctgacaatg      180
aagatgctgg ccctgtgctt ggttcttgct aaatcagcct ggtcggagga acaggagaag      240
gtggttcatg gaggcccgtg tttgaaggac tcccaccctt tccaggctgc ctctacacct      300
caggtcactt gctgggnggg ggggcctcat tgacccacag ngggtgctga cagctgccac      360
tgcaaaaaac cgaatctgca ggngatcttg gggaaacaca aactacggca aacagagact      420
tttcaaaggc aaa                                                         433


<210> 698
<211> 436
<212> DNA
<213> Mus musculus

<400> 698
gtggggtctt tcacccgtag ccgactcttc accttcccgt aaccgcgtct cttaccggtg       60
atggcggtga actgctggat taaccccttc agcgccgacg acgccgcgga ccccgtgg        120
gcagccatct taccgccgcc gccgccgccg cggaacaaca acacagacac acacggggct      180
ccctcccccca ctccgcggcg tgctgtgcgc aggcgcactg gcaggcccga agctccgccc     240
tctccctgtc tgtgcgcgtt ttgcgcaggc gtactctccg cgagccgccg ctttggtttg      300
aagcctgtgc tgctggctgg tagctattct ttgaaacatt tggtgccttc tctgaattcc      360
```

183

```
ggagatatcc tcctaagtac cgcattgaat cccaacatcc caaagaatct tcggacctga      420
aataccaaac tcttgg                                                       436


<210> 699
<211> 177
<212> DNA
<213> Mus musculus

<400> 699
aatgggagct gactgacatg gtggtgtggg ttactggagc gtcaagtggc attggcgagg       60
agctagcttt ccagttatct aaactcgggg tctctctggt gctgtcagcc cgaagggcgc      120
aggagctgga gcgggtgaag agaagatgcc tggaaaatgg caatttaaaa aaaaaaa        177


<210> 700
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 700
gttaatcctg ccatacgaaa gatttattaa gggagaagaa gataagcctc tgccgccaat       60
caaggcctcn gcaaactnga atgccctgcg aggccnaaat gagantnaan caaaagtctc      120
gggaaacana cgtancngng nggactacgc ccccttttga gnaagaaaaa actggctaag      180
tccaagctga attggcctcg ctggccattt aaatggcgcg ccctcgagga attnggatcc      240
ggcgcgccat ttaaatggcc gctatggcca attcttttgg tttttaccct ggaagaaata      300
ctcataagcc acctctgtta tttacccca atcttcacaa gaaaaactgt aa               352


<210> 701
<211> 434
<212> DNA
<213> Mus musculus

<400> 701
gtttattgaa aatatggcat aacagattaa acagctccac gtggtgtttt gaaattcatg       60
ccaactgtag gctgagtgac ctgaaggtta gagagactgc caaagtccag gagcttcagc      120
atctccttgg tgtcgggatc cacctcaatg atctcctgat ctaggctga gacctcagga      180
acgtagttat ctctcctctc tctctcttct tcctgcaact tgatagagat gcctctcaca      240
ggccctctct gaatccgctt catcagatgc gtgatatagc cggctatctt gttccgaagc      300
ttcttgctgg ggatgatggc gatctcctcg cacacgcgct tgttggtggt gaaagcatta      360
cccagacgcg tgtagtactt ctagatgatg acccgggcag ccttcttcac ggtcttggtg      420
cgaaccagcc tttt                                                        434


<210> 702
<211> 363
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(363)
<223> n = A,T,C or G

<400> 702
gccccgtggga ttgacgtgca acaagtgtcc ttggttataa actacgatct acctaccaat       60
cgtgaaaact atattcacag gagtcgatag cggcagttga tgacgagatg gcactcagaa      120
acggcgttga cgtaatttag gacgtggaan cataagcgaa acagcacact gtttgaacaa      180
agagcgagtc gaattggcag aggggggtcga tttgggagga aaggtgtggc tataaacttt      240
gttactgaag aagacaagag gattcttcgt gacattgaga ctttctacaa tactacagtg      300
gaggaaatgc ccatgaatgt ggctgaccta atttaatccc tgggatgaga tagttttgaa      360
```

184

tgc   363

<210> 703
<211> 333
<212> DNA
<213> Mus musculus

<400> 703
atgatttcct gctaaatggg agcctgggac tgggagggct cctcctcctg cttgtcatca   60
tcctgttcat ctgcttgtgc cggttcagcc agagagtgaa gagactggaa aggaatgccc   120
aggtctcagg gcaggagccc cactatgcat ctctccagca gctgccagtg tccagtagtg   180
atatcacaga catgaaagaa gacctcagca ctgactatgc ctgcatcgcc aggagcacac   240
ccacttgagt gcccccaaaa gctctcctcg ccctgggtgc gtgctcagtc acactatggt   300
catctagtaa agtctggttc cccacttctg aaa   333

<210> 704
<211> 528
<212> DNA
<213> Mus musculus

<400> 704
agtttgtgag aagcttctat aatggtctgc ttggctctcg tcagagctgc ctatgagcac   60
atctacctgg tgaggaaggt cagtcatgcc tgcagatgcc atcaacatcg ggcttggagc   120
tcaaagccag ctgcatcaca gtctgctgtc cagggtgctc caggcagtgt gctggagata   180
cttggtaaat cctaccctca ggatgaccac actaacctca cccagaaggt cctttccaag   240
gtgggcagga acctgcacaa ccagaagttc caccctctgt ggctgattaa ggagcgggtg   300
aaggagcact tctaccagca gtatatggtg cgatccagga cacctctatt ctccgtctat   360
gaccagcttc ctccagtggt caccacctgg cagaactttg atagcctgct aatcccagct   420
gaccacccca gcaggaaaaa gggggacaac tattacttga atcgggcaca catgctgaga   480
gcacacacat cagcgcatca agtgggactt gctgcatgcg ggacttaa   528

<210> 705
<211> 513
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(513)
<223> n = A,T,C or G

<400> 705
ggccaagctc agacattacg gagcccagag ccagaggcga tggagctgag ccaccgacaa   60
ggtacaacca cgttgacaag gacacacccg aacgacaagg agggccagca ggacatgaac   120
tccttcagag ctaaccatag ctccttggac aactccaaat ttaagtacca tgcaaggctc   180
tcccagagcc ccttaggcag ctccctgggc cagggctacc tggagactcc acctctacca   240
ccaactccta cctgcaggac ttctctgnct atgaactccc atcctgagga cctgaagaag   300
gggcatccag atccagctcg agagatgcca gggagacctt ccgagaggga tgtgtcgggg   360
gaggaaggnc aagacttcag gtcccaaaac aaangacagg ggcctttgac caagaaggac   420
agggtcnttc ttgaaacatc cgccccaaan ttgggagcaa gatgggggac caactgatct   480
ttgaggatna gctcgacagg ccattggtga aaa   513

<210> 706
<211> 518
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(518)
<223> n = A,T,C or G

<400> 706

185

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aaaactagaa aagagaagac aaaatcaaag accgaagaag caacagaagg aatggaagag    60
gccgtttcct ccaaagcaaa gaaaacaaac aagaaagggc cttctgagga tgatgtggat   120
cccctaaat ccaggaaggc caagaagcag gaggaggagc ctcaagacga cactgcttct    180
acaagcaaaa cctccaagaa gaaaaaggag ccccttgaga agcaagcaga ctctgaaacc   240
aaagagataa taacagagga gccttccgaa gaagaggcag acatgcctaa gcccaagaag   300
atgaagaaag ggaaagaagc aaacggagat gccggagaga aaagccccaa gctgaagaat   360
ggactctccc aaccttccga agaagaggca gacattccta gcccaagaa gatgaagaan    420
gggaaagaag caaacggaga tgcttggaga gaaaagcccc aagctggaag aatggactnt   480
cccaaccttc cgaagaaaaa ggtagacatt cctaagcc                           518


<210> 707
<211> 278
<212> DNA
<213> Mus musculus


<400> 707
tgcccccca ggagacaaag agcctcatga aggcttccta cacgcccgag gtgatagaga     60
agtcggtgag ggatgtggaa cactggcacg ggaggaagac ggatgaccta ggccggtggc    120
accggaagaa tgctatgaac atgaacttgc agaaagcgct ggaagagaaa tacggagaga   180
agagcagatc caaggccaag tagttgaaag gacattggga ggaagcttga gaatgttgcc   240
aataaagaaa taaaggctgt ggtctgcaaa aaaaaaaa                           278


<210> 708
<211> 423
<212> DNA
<213> Mus musculus


<400> 708
tgctgaagac agcgcagaat caccccatgg taagcactct gggccacctc ccttcatgtg     60
cccacagctc agtcttttgc agttcatgat tgaaggcctg caagatggc tcagtgggta    120
aaggtgcttg ctgccaagcc gaaggacctg agttcaatcc ccaggaccca tgtgatgatg    180
gaggggttca tgacttccct gaagttgttc tctgccctgt ctgcacacag acagaatggc    240
aaatgcaata caaaggaaaa cgttcacaaa gaaatctata gccggcatgg tggtgcacgc    300
ctttaatccc cgcacttggg aggcagaggc agcgaatttc tgagttcgag gccagcctgg    360
tctacaaagt gagtgccagg acagccaggg ctacacagag aaaccctgtc tcaaaaaaaa    420
aaa                                                                 423


<210> 709
<211> 198
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(198)
<223> n = A,T,C or G


<400> 709
cttgttacct aaaacccccgg gcagaggagg agaggagant agcagcggag gaaaagaaga     60
gacangggng gggggncaa tttngtttgg atttgacggg gcgcncannn tgacanaann    120
gncaagtgag gcgtcagcga gcttgctttt ctctagtcgt tgagaacgaa taaagcttca    180
ttgtgcgaaa aaaaaaaa                                                 198


<210> 710
<211> 277
<212> DNA
<213> Mus musculus


<400> 710
gtgtataggt gtgaaccaag tgcacgtcta gttcccttgg aggccagaaa gaaggcggtg     60
tcagatcccc aggaaccata gttacagatg gttgtgtagt ctcccctccc ccagcctgaa    120
tcctgcttgc tcaggggtgg agcttcccgc tcaatcgttc agccatgccc actgctggaa    180
gctgccgctt tgctgttcgg agccggagcc gtacacgtgg tcaccctgct attggacccc    240
```

186

```
aagactaatt ggcgggaatc ggccccttcc cctgctt                                      277


<210> 711
<211> 410
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(410)
<223> n = A,T,C or G

<400> 711
gtgtataagg tgtgaaccaa gtgcacgtct agttcccttg gaggccagaa agaaggcggt            60
gtcagatccc caggaaccat agttacagat ggttgtctcc tgtagctcaa cctggcctgg           120
aattctctat gtagctgcaa gtgaccctga ccttctgagt cttctctacc ttccagtgta           180
gtctcccctc ccccagcctg aatcctgctt gctcaggggt ggagcttccc gctcaatcgt           240
tcagccatgc ccactgcngg aagctgccgc tttgctgttc ggagccggag ccgtacacgt           300
ggtcaccctg ctattggacc ccaagactaa ttggcgggaa tcgggcccct tcccctgctt           360
tataattgcg tgtggaacag taaaattgag ctttgatcag aaaaaaaaaa                       410


<210> 712
<211> 521
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(521)
<223> n = A,T,C or G

<400> 712
gggtggtaag ggtggtggaa acccangtgc cncgtcttaa gtttcccttt gggaaggccc            60
agaaaagaaa ggcgggnggt caagaatccc ccaggaaacc cataagtttta ccagnatggg          120
ttggatgttt taaaccctca agacagggat ggggggcttgg gggcttgggc caacaacttg          180
ctcaacattc ttctgagtct gacgggctgg tggagtgtga gcgtggctcc taaatttctt           240
gggtaggact gaagaagcac ttttaagatg tggaaactca gagaggatgc cactgttttg           300
aactattttg aaggcacagc caccagagct ttaggtcaga agaggtcctt ggaactggaa           360
ttacaggtgg ctgtgagcct ccaggacag ggtattttat cacagcaaca gaaatgaaac           420
caaaacaact ccacaataaa attcttgggt ttcttggggc caagaagatg acacgataag          480
gataaagaca ctggccaagc atgaccttca gagtttggcc c                               521


<210> 713
<211> 508
<212> DNA
<213> Mus musculus

<400> 713
attgactcgt ggtgcaaaga caacagctat gtgatcgctg gctattacca agctaatgag           60
cgtgtgaagg atgccagccc aaaccaggtg gcagaaaagg tggcctccag gatcgcagag          120
ggcttcggtg atgccgcact catcatggtg gacaatgcca gttcacgat ggactgcgca           180
gcgcccacga tccacgtgta cgagcagcac gagaacaggt ggcggtgcag agacccacac          240
cacgactact gtgaagattg gccggaggca cagaggatct cagcttcact cctggacagc          300
cgctcctacg aaacactcgt ggattttgat aatcatctgg acgacattcg gagcgactgg          360
acaaacccgg agatcaacaa agcagttctg cacctgtgct agacaaggac cacactacag          420
cgaagacgga agcatatttt tacatttata gaggaatagt aggttagccg gaagggaagc          480
tgcaagtgtg ccttggaggg ggtgccgg                                              508


<210> 714
<211> 532
<212> DNA
<213> Mus musculus
```

<220>
<221> misc_feature
<222> (1)...(532)
<223> n = A,T,C or G

<400> 714
gactgaggaa tagaagacat cttaagtagg ggctcaagag ctggatagcg tcatcaagca   60
agggtacctg gagaagaaaa gcanagatca tagcttcttt gggtcggagt ggcagaagcg   120
ctggtgtgtt atcagcagag ggctcttcct ctactatgct aatgagaaaa gcangcagcc   180
caaagggacc ttcctcatta agggctacag tgtccggatg gcccctcacc tgcgaaaaga   240
ttccaagaaa gaatcctgct ttgaactgat ctcccaggat aggcgcagct atgagtttac   300
agcntctagt ncagctgaag ccagagactg ggtggatcaa ataagtttct tgttaaaaga   360
tcttagctcc ttaaccattc ccttcgaaga ggaggaggag gaagaggagg aagaagagaa   420
agaagaggaa naaatgnaca atgacgtcga tggctttgac tccccaaggt ctggctccca   480
gtgcagagcc atggccttgc ctgagcctac tgagaaagag gaggacattt at   532

<210> 715
<211> 326
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(326)
<223> n = A,T,C or G

<400> 715
gcttctgcaa agagagtccc agccttgcca cgaggcggaa gtgactgagc tgccacatcc   60
ttcanngtgg agacatccag aagacagaca acttggccag agggaaatga aggtgaagag   120
aagccgagga gattggaatc tagtgccgaa tttgcatccg atgccgagcc taggangtca   180
nagaagacct agggtacaaa agaggaagna gcaaagggga agntcttcct tctgatcccc   240
tctattaggt ggaggacctc ggnggngaga cctccgcctt ctgctctgta tcgctgcact   300
tgantaccat aaggggagc cctacc   326

<210> 716
<211> 210
<212> DNA
<213> Mus musculus

<400> 716
gccgcccgtg cgtggattgc cacgcatttg aattcatgca gcgcgccctt caggacctac   60
ggaaaaccgc ctacagcctg gacgcacgga cggagaccct cctgctgcag gctgagcgcc   120
gggctctgtg tgcctgctgg ccagctggac gctgaagatc tttggccagt gatattcctt   180
gtcaataaat gcctgctagc aaaaaaaaaa   210

<210> 717
<211> 495
<212> DNA
<213> Mus musculus

<400> 717
aaaagcttca ctggcctgaa catgaacttg ctaagaagtt tgttctaaat gcagaagagg   60
cattgatcac tgacagcaaa agaagctttt cgagtttgtc ctctgggatt ctcaaggaca   120
cttttcacaac tggaaccagt agttacaatg ttctactaca gagcaaggag gagaaaaagc   180
accgttcaca aaagcggttt tcctctgcca gctccaaaca acataggaag cccagcaaat   240
ctcctagctc ctctcatagc aaagatccta gcaggatgac agccctggtg cctgggacag   300
gcgctggcac ttggtactgc ctagacgggc agtctgctgt ttttgttact agctcagtac   360
caagtcctgt aaaggtcacc cgtgatatct ctattacagg aagcggccta gcactgccac   420
ctaaaccaaa tagcaagggc aaacgacgca acctgacccg gcttccaaag ccaaagcaac   480
agcctcagct gtgta   495

<210> 718
<211> 147

188

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(147)
<223> n = A,T,C or G

<400> 718
atgagaagac gagaacaaag aaagttgata atgaactcaa ccctgtctgg aatgagattt   60
tggaatttga cttgagggggg ataccactgg actctttcat ctttccatgg tggattgttg   120
tcaanagatt ttgagacaat tggacca   147

<210> 719
<211> 303
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 719
gctctgggtg ctctaggatg agcgctacac atctgtggct tttgggtata aagactgtgc   60
ggcttattac caagccgcaa gcccaagaac caaggtagat gccatccaca cccctgttct   120
ctgcctcaat gcagcagatg accccttctc cccagtccat gccttccctc tgcaggctgc   180
ccagaagtct ccctatgtgg ccctgctcat cacaagctcg gggtggccac attggcttcc   240
tggaaagggc tgatgccctg gcaacactgn tacatgaacc ggggactaaa ttaatatgcc   300
caa   303

<210> 720
<211> 391
<212> DNA
<213> Mus musculus

<400> 720
gtgttttgtc tgcatgtatg tcagtgctcc acaggcatgc ttggtgccta cggaggccag   60
aagaggacat caggtcccct gtgagttaca gatagctgcg agctgccacg tgggtactta   120
gaattgaact caggttccct ggaagaacag ccaatgctgt tgacttggtc ttgcctcacc   180
acctgtcttt cctcagtcca tgagtgttgc cttagcaaaa ctccacgtgc gtctttatct   240
gacatcgttc tatcggtcag agtctttgga agaggcaaga agccgcagga atctctccat   300
ttatttctct ctatgagtct tgaccattgg agctcaacaa cgcatgtaaa gtgaaccaat   360
acatgtgtgt cattatcgaa gaagaaaaaa a   391

<210> 721
<211> 525
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(525)
<223> n = A,T,C or G

<400> 721
gtaaaatatg aagttacaga ggatgtatat acttccagga aaaaacaaca ccagaccatg   60
atgcattatt tttgtgcact aaatactctt cagtacaaga agaaaatagc tttgttagaa   120
cctctactgg gatacatgca ggctcagata agtttcttta agatggggttc tgaaaatctc   180
aatggacaac tggnagaatt cttagctaac attggaacaa gtgtacagaa tgttcgaaga   240
gaaatggatg gtgatgtaga gaccatgcag cagacaatag aagacttgga ggtagccagt   300
gacccttttat atctgcctga cccggatccc accaagtttc ccatcaatcg aaatttaacc   360
cgaaaggctg gatacctaaa tgctaggaaa tcttcaatat tgcaagcaga gagtaaaaag   420

```
gaccatgaag agtggatctg tacaataaac aacatatcta aacaaatata tttgagtgaa      480
aatccagagg aaactgctgc acgagtgaat caagtctgct ctaga                      525


<210> 722
<211> 324
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(324)
<223> n = A,T,C or G


<400> 722
attttatcat gtgggcatcc tgctgcaact ggttctgctt ggatggacag cctgnggagg       60
caccaccacc acagggagcc aggacacaag cctattccaa ccctgggtac agctccttcc      120
cttccccgc aggctcggaa cctagctgca aggcctgcgg ggtccatttc gcaagcacaa       180
cccggaagca gacctgcttg gactgnaaga aaaacttctg catgacttgn tcgagccaag      240
aggggaatgg gccacgcctc tgccttctct gcctacggtt ccgagccacg gccttccagc      300
gggaggagct catgaagatg aagg                                             324


<210> 723
<211> 352
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G


<400> 723
cctacaagga gaagatgaag gagttatctg ngctgncgct catttgctcc tgcttntact       60
ntcancctca cccgacacca tntacnagca tggcaanntg ganntaacca ngctgaacnt      120
gntcaaaagg tgggnactac ccaccttttg agcaagttca gcctggttaa gtccaagctg      180
aattggcctc gctggccatt taaatggcgc gccctcgagg aattcggatn cggcgcgcca      240
tttaaatggc cgctattggc caatttttt gcttttacc ctggaangaa atacttcnat        300
aagcncctnt gntatttanc cccaatcttc acaagaaaaa ctgtaatctg tc             352


<210> 724
<211> 288
<212> DNA
<213> Mus musculus


<400> 724
aatccagcaa ctatcacgag aatactcctt agccacttca attgggataa agagaagcta       60
atggaaaggt actttgatgg aaacctggag aagctctttg ctgagtgtca tgtaattaat      120
ccaagtaaaa agtctcgaac tcgccagatg aatacaaggt catcggcaca ggatatgccg      180
tgtcagatct gctacttgaa ctaccctaac tcgtatttta ctggccttga atgtggacat      240
aagttttgta tgcagtgctg gagtgaatat ttaactacaa aaaaaaaa                   288


<210> 725
<211> 108
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(108)
<223> n = A,T,C or G


<400> 725
ccggctggac ccccattatc cnggggggg gggatcgaaa cttgggcaan ggaggctcca        60
```

cccctcccca ntgatcttct gctccncatn ccggaactct acccgctc   108

<210> 726
<211> 457
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G

<400> 726
gtgacggtgt tcgagtgacc atgncatagc gccttgactg cccgacaccn ngtaggggtg   60
caggactttg tcctgctgga gaatttncca gnagaggctg ccttcattga gaacctccgc   120
cggcggttnn gggagaacct catttatacc tacatcggtc ctgncctact ntnngnncaa   180
tccctaccga gacctacaga tctacngccc ggcatcttat ttnaacgggn nncgtgntag   240
nnagtannnt angacngtnc cancctcatt tngttngcac nggcttgaca ctgtataccg   300
ggcacttcgt actgagcagt cgagnacccg gcagtgatga ttntctgggn ngagagcggg   360
ggcaaggcaa gacagaggca cacaagaagg gagggnaaga ctttgcctna gtanganaga   420
cttgaagcaa atcctaaagt gaagccccgc ccctcag   457

<210> 727
<211> 478
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(478)
<223> n = A,T,C or G

<400> 727
gaactgagga ggctgtgcat aggtgttctg cagaccatga actgatcact agtccccaga   60
cattcatgag cacagtgtga ggctcctgac ccacntccaa gntctctnng nnctctntga   120
ctaagcnacc tccngngnnt acnnctanan gccacgatnc naatcctgcc ntntngttac   180
tgnnnttgcn aatagagacc tttcacatgt nagaggtgta accngacaan aaacggctnc   240
gancggagtg ggnngatcga tatggaantg agatnctatt tttntcaaan actatngcaa   300
nanngntcga ctnagncggc cccggactgg gacaangtgc ntgctcaagt cacacccgagt   360
acaacgagcc acaacgagag ccgcaccaaa tgctgacatc atcgagaccc tgagggaaga   420
agggtttttca acgggctgtg acagcccaga gccggatggg gaggactcac tggaatta   478

<210> 728
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 728
gggagatgtct gcttgnccat gactggctgn cttcgnggac tgaggntcat acgtgccngn   60
aaacaatcct aangctgccg tncctannaa tcacatccca ngctagactn gaccntcana   120
cctgtnaacc canacgggcc anaaacaagc ttaccagtna gtttggtctc aggancaggn   180
gtgtgagccc ttggngctgg ggctattgga ttggcctacc tacatcctca acagtctcca   240
ctctgcctga atgatcctga gggtatcaga aagccctaca ctgttggtac ctgggcccca   300
acatactgtg aacggaaatg ggccttcttt cttttcctat aggttatttg ctggcagttc   360
tattaaactt gtttctaaga gaaaaaaaa   389

<210> 729
<211> 337

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 729
gaactgaggt cgtctgtatn acaacataaa cttccagcga aaatcagttg tgggatttgt   60
ggagctgact atatttccca cagttgccaa cttgaataga attaagttga acagtaaaca   120
gtgtagaata taccgagtcc ggatcaatga cttggaggcc cgcttttatt tataatgatc   180
caaccttaga agtttgtcac agtgaatcga aacagtaagt tgggcacgtt aagaagctgc   240
tgtttgtacg tcatcctgtc actgttttca gagattgttt ttcaacaaac tttcccattc   300
ttattgtaat aaagctatgt gttgtataaa aaaaaaa   337

<210> 730
<211> 362
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(362)
<223> n = A,T,C or G

<400> 730
gaactgagga ccttggcacc atggttacct tgaaccgata tgcaacgtga cctcaaggat   60
ccagctactg gctgcatcaa gcanactgct nnntcctgct ncaagatgga atgaancnac   120
tnttctgntt atgaanagaa ncctgnntga ggcnaacgaa ccnttgannc actgcaccgc   180
ctnncagncg ctccanacca ctcatntcan naagctcagc tttttntac tccaggntta   240
angcagcatt ancacttcat tnntattctg cttttggaaa agcagtgatn agatgaacat   300
ttgatcttcn ctgtttatca tcanttnttt actttggagg ananagcttg gaagataagc   360
ca   362

<210> 731
<211> 434
<212> DNA
<213> Mus musculus

<400> 731
gaattgaggc tgcttctggg acaacggcca cctgtaccgg gaggaccagc cctcgcccgc   60
gccgggtctc cgctgcctca actggttggc cgcgcaaggc agccgcgagt cgctcaccga   120
gcccagcccg ggcaaccaca actactgccg gaacccggac caggacccgc gcgggccctg   180
gtgctacatc agcagcgaga ccggcgtccc tgaaaagcgg ccctgcgagg acgtgagttg   240
cccagagacc acttcccaag caccaccgcc atcctctgcc atggagctgg aagagaagtc   300
tggtgcacca ggtgacaaac aggcacaggt gttccctcct gctaacgccc taccagccag   360
gagtgaggca gccgaggtgc agccagtgat cgggatcagt cagcttgtga ggatgaactc   420
caaggaaaaa aaaa   434

<210> 732
<211> 515
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(515)
<223> n = A,T,C or G

<400> 732
gaactgaggt gcgatgcctc tgcctctggc gttgtgaggc cacttgcgag tatttgaaat   60
gctggttaat tccggactga gtggactcac ctgtgacctg gaaaggggcc tgaatgagcc   120

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gntgctgaac gcccctgagc agctcttnca tctccttctg gatgttgcag acgacctcct      180
ccatcaaccc tacatcagct atcccttcc  agaacatcaa agtgtcctct ggcacaaacc      240
ggatgagaca gaaggggagc agacacatta cccagaaacc tcagcacatg gctacaacgt      300
tcatttccat tccaaaggat tctgtgttaa aacatgaaag actggctgct tccacaagtt      360
ggacggttgc tgggggtgag aggagatgat cccagttaca tcagtgctca tgtttatgag      420
gaaaaccagc agaggtaaca aaggggtcta taaccctgag ctgtacggga aagtacctga      480
aatctcttca gactctttct ttataccctc ctctg                                 515


<210> 733
<211> 142
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(142)
<223> n = A,T,C or G


<400> 733
gaactgagag ttctgatggt cagtccacag naagacggcc ttgcgtctgt gggtgttgga       60
gactccattc taaagatata aaaagtgaaa gaggngaagg ccacctntct acctcaatac      120
gantcattat ttgttctaat ga                                                142


<210> 734
<211> 475
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(475)
<223> n = A,T,C or G


<400> 734
gactgagacc tcctcaaaga aggcatgctg accaaacaga acaactcgtt ccagcgatcc       60
aagaggaggt actttaagct tcgagggcga acactttact atgctaaaac tgcaaagtcg      120
attatatttg atgaggtaga cctgactgat gccagcgtag cagaatccag caccaaaaat      180
gtcaacaaca gttttacngg tcatcactcc atgtaggaag ctcatcttgn gtgccgacaa      240
caggaaagaa atggaagatt ggattgcagc actcaagact gtccagaaca aagagcattt      300
tgaggttaaa aganangcat atntgtctat gggagcctgc tgangnctct cctgccttca      360
ttctgatcca cccccaccaa ctccaccctt cacccccaga gtattcttcc ccaggggacc      420
ccagnatntg tcctngtaaa atngagnncc catggcttct ttcttttgat aggac           475


<210> 735
<211> 130
<212> DNA
<213> Mus musculus


<400> 735
gaactgaggt tcgtcttggc accagaacaa ggcactgcaa catcaggcct ttgccctaaa       60
cagctcacga tgccaggaac tggccaatta ctactttggc ttcagtggat ggtcgaaaag      120
gatcatcaag                                                             130


<210> 736
<211> 365
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(365)
<223> n = A,T,C or G
```

<400> 736

```
gaactgaggt gcaggngtcc ggggcaggcc cgggacaagt cctacttact gccaccacag        60
nccaccaagc agttcctcat ctcccctccc gcctcacccc ccgtgggggtg gaagcagagt       120
gaagatgcaa tgccagtgat caactatgac ctgctctgcg ctgtctccaa gctgggccca       180
gnatngngga gatgaaggca cacaatttat natttgatnc naatgtcang tgtactgngg       240
nntgagance tngcttnnan tgaaagagga gcgacagann gcaagaatgt gacccgnagg       300
acactngnga ttacctntaa caaacgttga tgtttgaaac taataaagaa ttggtgcttt       360
ttaag                                                                    365
```

<210> 737
<211> 415
<212> DNA
<213> Mus musculus

<400> 737

```
gaactgaggt aaatttgcta tgctagatta cactccttca aatgtcccgc tggtgaatac        60
tggtctaaag acgtctgttg caagaactgt tctgcaggta catttgtcaa ggcgccctgc       120
gaaatccccc atactcaagg acaatgtgag aagtgtcacc caggaacatt cacagagaaa       180
gataattacc tggatgcttg tatactttgc tccacctgtg ataaagatca ggaaatggtg       240
gccgactgct cagccaccag tgaccggaaa tgccagtgcc gaacaggtct ttactactat       300
gacccaaaat ttccagaatc gtgccgccca tgtaccaagt gtccccaagg aatccctgtc       360
ctccaggaat gcaactccac agctaacact gtgtgcagtt catctgtttc aaaaa           415
```

<210> 738
<211> 524
<212> DNA
<213> Mus musculus

<400> 738

```
gaactgagga tctcatctgg cggtcgggta ctggaagaag cgagggggag agcgcaccgt        60
tgcagagaga cggcaagaga aaagggagac tgagagtcgc gccacgccgg cgccccaaga       120
cccaggagga gcccgcagca gttaggttgt gctgggaatt ctcccctccc ttttgctcca       180
caatgccttg gtgagcggtc acggcgaccg agctactggt ggaagaattg gggctgagat       240
gtcgcggcgg gtggccgcag atggggatgc tggagaagga aggagttcac ctcaagttcg       300
caatctgtgt cggaaagctg gtccggcctg ggagggcgtt tcgagcaccg gccgcttccg       360
gatctggtgg actgatcggc tttaaacact tcccctagat acccctcccc attccctgtt       420
gcgttccctc tgtcctgcgc caacccgctt gctaaaacag ctgagtggcc aagctgacaa       480
taaaatctca tgcctttgcg gtgaggggca ggggtcatga ctca                        524
```

<210> 739
<211> 439
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

<400> 739

```
ggctcagtgg ataaaggcac ttgctgccaa gtttattgat ganaangang angnngnnac        60
cnacgtanan acagcnncca gactcacttn tgcnnnctta ntgacctgta cgtgcatgct       120
gggacncact gtacacnctc acacnaatgg acnngaccca agatgncaca cncanggngg       180
gggananaa tacacngatt cacngagnca taataggtgt cttgcgtact nnntgnncac       240
ancatggnag gaangacagc catgctcctg gcactgcaga ggccagatgt tgtggaacga       300
ttggttgttg tanacataag cccggtagga accacacctg gatcacacat tggagccttc       360
atagcagcca tgaaggctgt tgagatccca gagaaggtgc cgcactccca agcccgaaaa       420
ctggcggata agcagctta                                                     439
```

<210> 740
<211> 253
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 740
aggcacaagg gatggaccac caccngctca gccgaccacg ggagagagtg ctgctctcct   60
atctctcccc atagagaaaa caacaggtnt nttcaagcca gtgncaccga gctccactga   120
ntgtacaggc agcagctaca gccaaaagca ggccactcac gggaagtccc ttacagaacc   180
tgntcaggtc acccaggcta agatactaaa tatctttcaa attacacata ttcttgaggt   240
aaaaaataaa caa   253

<210> 741
<211> 136
<212> DNA
<213> Mus musculus

<400> 741
agaggagagc cagcacgcac catggcaccg gccggacaca tcctcacctt gctgctctgg   60
ggtcacctgc tggaactctg daccccaggt cactccgcga acccctccta ccccaggcta   120
cgcctgtcac ataaag   136

<210> 742
<211> 512
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(512)
<223> n = A,T,C or G

<400> 742
cggacagaac tggactttca cgtttgactt ctcttttttg agccaagaag aggatctggn   60
atgggcngga gctncggntg cagctgccgg gccccatgga catacccact gagggcccac   120
tcaccattga cattttccac caggccaagg gggatccaga gcagggaccc cgctgactgc   180
ctggagcgca tttggatgga dacgttcacc gtcattnctt ctcaggtcac gtttgcctca   240
ggcagcacag tcctggaggt gaccaagcca ctctccaagt ggctaaagga ccccagggca   300
ctggaaaagc aggtgtccag tcgagcagaa aagttgttgg catcagccct acaccccacc   360
tgtacctgtc gccagcacca atgtgctcat gctctactcc aaccggcctc aggagcagag   420
gcagctaggg ggcgccactt tgctttggga agctgagagc tcctggcggc cccaggaggg   480
acagctgtct gtagagaggg gcggatgggg ca   512

<210> 743
<211> 487
<212> DNA
<213> Mus musculus

<400> 743
gaactgagtt cctgaagaat tcatgtacaa ccctttaacc agagtttatg gagaacctca   60
caaaagacct gaagtccaga atgctactat tgagtttatg gctccttcag aatacatgtt   120
acgaccacca caacctccag tgtacctctt tgtatttgat gtatctcaca acgcaataga   180
aactggatac ttgaattcag tttgccagag tttgttagac aatctggatc tgcttcctgg   240
caacactagg acaaaaatcg gtttcataac atttgatagc actatccatt ctacagtct   300
tcaggaaggt ctctcccagc ctcagatgct aatagtttca gatattgacg gtatgtgtta   360
tactcaaact cactcaactt cctggagaat tgtccctttc agaaatgttt cctgaggtct   420
ttgatgtgtc aggaatgtgt gacatgactc tagtataata aagagaaatc atttggaaaa   480
aaaaaaa   487

<210> 744
<211> 359
<212> DNA
<213> Mus musculus

195

<220>
<221> misc_feature
<222> (1)...(359)
<223> n = A,T,C or G

<400> 744
gtgagccacc actctnagnt cctgccgccc tcattgngac cttgggtcct cagcncatgc   60
tcgcacttgt gactacagac ttcccagctc tagaactacn tgctaagnct gagngcccgc   120
agacagatct naagagggca tcagatcact tggaactggt agttnaagac agctgtgagt   180
cnccatggag atgcnggaa tggnaactag gccttctgtg agagcngcag nntggcatag   240
ccgcctctcc accncagagt tttaaacata natacccta cgattcnaa ctgcnctgt   300
cgtgcaagtg tgcagtccct tagntcgctg tttctacttc cctttaaag aaaaaataa   359

<210> 745
<211> 130
<212> DNA
<213> Mus musculus

<400> 745
tctcaaagtc ataatcctca cactccaact tgtattaacc caggctccca tttgctgaag   60
taaaagtact gagttttcca cttaccagta cttttgagta ctgtagcaag tggctgggtc   120
ccattaaaaa   130

<210> 746
<211> 349
<212> DNA
<213> Mus musculus

<400> 746
gaactgagaa aaatattttg acaaaagaag agactactta aaattcaagg aaaaatttga   60
agcaggagga ttccagtctt cacagtcgac ctgaaaattc ctaggctctt tctggacttt   120
cacacaagtg gaatttactc ctctggactt gcagaaatga ttccaggaca aaagcagctt   180
gagtcacagt gtgtatcagc acttgttctc tgtaaacaag agttactaaa ttgttggaat   240
agcaaaagat ctcatcatcc aaactatgaa ggactgcctt aattaaagtg agggatctat   300
tctaagaaaa agcataaaat cattatataa aaagtttatt ataaaaata   349

<210> 747
<211> 215
<212> DNA
<213> Mus musculus

<400> 747
gactgagaga agctgatggt ccagggcatc taaccaaagt ggtagaagaa tcaaagcttt   60
caaaagaaaa tcaggcaaaa gcaaaggaat ccgacttatc agacactctg agtccaagca   120
aggaaaaaag cagcgacgac actacagacg cccagatgga tgagcaagac ctaaatgaac   180
cccttgctaa ggtgtctcta ttaaaaggta tttta   215

<210> 748
<211> 454
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(454)
<223> n = A,T,C or G

<400> 748
actgagtttt gtggctaagc ccagactgct tgagtgaaac agccttcagg gacgttccat   60
tctttcgttt atcccagtgc ttacaaccca aaaacaaaat tggattgcca caagtcggcc   120
actggctgag gaagtgcact cggnccctga cacaaatgca tcagtcagga gaaagagcca   180
gcttctcagg tgtcttcaga gaaggccaga ctgacagctg cggtcaccca ttgcagtgct   240
agcagcnatt tcatggactg gaagtgcttg ttggtacttg atccagaaaa ctgtttctca   300

```
atctcttaag aggtgganggc nggatcntga nctntaanaa ccataaaggc ttccgtgcat      360
atangtgacc cacaagagct ggataaactg cacctgagca gaagtgcagg actcccttgg      420
nggctctgnt ttanataaga aagtgtattt tttg                                 454


<210> 749
<211> 241
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(241)
<223> n = A,T,C or G

<400> 749
aacattgcca tcgtgaagcc aggcaaaaag ggacagccag ccgttatcat ggcagtggat       60
cctcgatacc ggggcagagt gagcatctct gagtccagct actccctgca tattagcaat      120
ctgacctggg aagactcagg gctttacaac gcccaagtca acttgaagac atctgagtcc      180
cacatcacga agtcttacca tctccgtgtc taccggaggc tgtnaaagcc ccacatcact      240
g                                                                     241


<210> 750
<211> 466
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(466)
<223> n = A,T,C or G

<400> 750
gaactgaggt tttgtgtgga cagtaatgac cgcacgtttc cgattgcctg ctggcagaac       60
ctacaatgtc cgagcatcag agttggcccg agacagacag catacagagg tcgtttgcaa      120
cattcttctt ctggataaca ctgtacaggc tttcagagtt aacaaacatg atcaggggca      180
agttctgttg gatatagtct tcaagcatct tgatttgact gagcgagact attttggttt      240
acagttggct gacgattcca cagataaccc aaggtggctg gatccaaaca aaccaataag      300
gaagcagcta aagagaggat caccttacaa tttgaacttt agagtcaaat tctttgtaag      360
tgaccccaac aagttacaag aagagtatac aaggttggtt tatggaacta tttctttnga      420
aaacattatc ggagatctaa tatgaaaaat aaaattaact aggcca                    466


<210> 751
<211> 504
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(504)
<223> n = A,T,C or G

<400> 751
gactgaggca ttgccttttg gcactcgggg agnaagatgc agcaggttcc gtctcagaag       60
taatggctgg atccctgaaa gccaacgggc tcggtgtggt ccacccgtca gaaggcatag      120
gtagatggtg ggcatctgcc tcagacatag ttctcaagtt cagccagaag aatgcagcgt      180
tgagccctct gcagcccgtg tcgacggagg tgttgtctcc aggaagcatc atggaaaggc      240
gtggtggtgc acaagggcct tcaggatgcc tgcgcctggt gacggntgcg cctcaggttc      300
tgggcctgac tcggaagggt gcctgtgagc agaagagctg gcacgcgcag ctcagtggac      360
catcagtgcc aacccgtcct gtaccctggc tgaggggtgt gctaannggc anattcctgg      420
ttggctcctn gtaaggcgng gcacaaaatc accatcgaaa gaaagggcct tcggnatgcc      480
ttctgtctgg atattgccct gtag                                            504


<210> 752
```

<211> 532
<212> DNA
<213> Mus musculus

<400> 752
```
gaactgagaa agtgagtgag aaggtgggag gagcggaagg caccaagctc gatgatgact      60
tcaaagagat ggagaggaaa gtggatgtca ccagcagggc tgtgatggag ataatgacaa     120
aaacgattga atacctccaa cccaatccag cttccaggoc taagctcagt atgatcaaca     180
ccatgtcgaa aatccgcggc caagagaagg ggccaggcta ccctcaggcg gaagcactgc     240
tggcagaggc catgctcaag ttcaacctct tggagatgga tatagaacag gtgagccagc     300
tctccgcact tgttcaggct cagctggagt accacaagca ggcagtgcag atcctgcagc     360
aggtcactgt cagactggaa gaaagaataa gacaagcttc atctcagcca agaagggaat     420
atcagcccaa accacggatg agcctagagt ttgccactgg agacagtact cagcccaacg     480
ggggtctctc ccacacaggc acacccaaac cttccaggtg tccaaatgga tc             532
```

<210> 753
<211> 367
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(367)
<223> n = A,T,C or G

<400> 753
```
gaactgagta gcgctgggga cctgtgaccg cngcatccag ctaaccatgg gacagnttgg      60
ctctgntcac cagcccctta ggagaggact ccatcaaggn cccactgcnn attccncatc     120
atgnaggccg anaggatcct tccagccagg ggagctgncc tttgaaaacc naggncgngt     180
actgctggtn ntccntgcca nccaccttca ngagaggctc ctgttnctgc tggcccacgg     240
atggggaggn gggccctgga cgnagncttt gtgtggaagg nagctctgac cctgggnctg     300
accttctata ctactgcttc tncataggca ncacgttcta cnacaaatgg ntgacaaaga     360
gcttcta                                                              367
```

<210> 754
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 754
```
taagcagtac gctaatggac atagacagca caatttccag tggacgctca accccggcca      60
tgatgaatgg acaggggagc acgactgctt caagcaaaca cattgcctat aactgttgct     120
gggaccagtg ccaggcatgc ttcaactcca gcccagacct ggcagaccac attcgctcca     180
tacatgtcga tggtcagcgt ggaggggtgt tcgtttgctt gtggaaaggt tgcaaggtgt     240
ataacacccc gtcaaccagt cagagttgnc tacagcggca catgctgaca cacagtggag     300
acaagccttt caagtgtgna gttgntggnt gcaatgccag ctttgcttct cagggagggc     360
tagntcncca tgtacccaca cacttcagt                                      389
```

<210> 755
<211> 797
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(797)
<223> n = A,T,C or G

<400> 755

```
aagtaaaact gagggncaag tcctccatac caaggaccag gctaaaacca gattacactg      60
cccctccctg ggccctattg acttaaagca gccactgtaa tcatgggcaa tatctttggg     120
aaccttctga agagcctaat cggcaagaag gagatgcgca tcctgatggt gggcctggat     180
gctgccggga agaccaccat cctctacaag ctgaaactcg gggagattgt caccaccatc     240
ccgaccattg ggtttaatgt ggagacagtg gaatataaga atatcagctt cacagtctgg     300
gacgtaggtg gccaggacaa gattcggccc ctctggagac actacttcca gaacacccaa     360
ggcttgatat ttgtggttga cagcaatgat cgggagcgag tgaacgaggc ccgggaagag     420
ctgatgagga tgctggcgga ggatgagctc cgggatgctg tgctccttgt gtttgcaaac     480
aaacaggatt tgccgaatgc tatgaatgct gctgagatca cagacaagct ggggctgcac     540
tccctgcgtc accgcaattg gtacattcag gccacctgtg ctaccagcgg ggacgggctg     600
tatgaaggct tggactggct ggccaatcag ctcaaaaaca agaagtgaga gccaggcagc     660
cctctctgac tacccccaccc actcctgaca cacacctgct gnctccttac cccaattttc     720
ccttcttcct ntttgaaagt ggccaaggtc ctgggtatca tgtccacatg cccagcaagc     780
gccttgcctt tctcctc                                                   797
```

<210> 756
<211> 452
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G

<400> 756

```
attgttatct aaagaagcta tccctaacag attttactac caacacagca gtcgaattca      60
gcccattatt ttggttgctg aggaaggctg gacaatcacc ctgaacaagt catcatttaa     120
attaggtgac catggctatg ataattccct gcctagtatg cacccgtttc ttgctgccca     180
cggacctgcc tttagaaaag gttacaggca gagcaccatc aacactgtgg atatttatcc     240
aatgatgtgc cacatcctgg gactaaaacc acatcctaat aatggaaccc tcagtcatac     300
caagtgcttg ttggtggacc agtggtgcat taatctccca naagccattg gaattgttgt     360
tanngcacta ttgntattaa ccatgctaac aggcctgatg atattnattg nggagcagan     420
catnccacat cccgnccatt ctcccgtctt ca                                  452
```

<210> 757
<211> 247
<212> DNA
<213> Mus musculus

<400> 757

```
agtgggcata tgaacagtgt gcaactggga gaaacttgtc tccccggcca ttaggactag      60
tccttgaagg ggttccttca aacttgagcc atttacaggt accacgcgga gcctgagaaa     120
agaaaaacca taaagaccgc cacactcaag atggcgttgg actcggcaag cgtggcagtg     180
acgtggcgac tcggctcacg ccgaacaact tcaaatact atattactcc atttttaaaa     240
aaaaaaa                                                              247
```

<210> 758
<211> 108
<212> DNA
<213> Mus musculus

<400> 758

```
gactgaggct cagacaagag aaaagctcta gaagagacca aagcatatac aactcaatct      60
ctagctagtg ttgcttatca aataaatgca ttggccaaca aaaaaaaa                 108
```

<210> 759
<211> 468
<212> DNA
<213> Mus musculus

<400> 759

199

```
tgagcaccat gaaggtgaag gagacaaact caaagccaaa gttggcaagc cgtggcacgt    60
tccagaggaa gggcatcaag attgtgggga aatggaagca agtgacgatc gacccgaatc   120
tgtttgcaga tggacagatg gatgacctgg tgtgctttga agagctgaca gattaccgtt   180
tagtcaagaa tccctcccgt ttgttctcaa gtgaggagac aaagaagaga aaggcccagg   240
ctgtttcaga agaggaagaa gaggaggaag gacagtccag ctcccccaaag aaaaagatca   300
agttgaagaa gcagagagat gcggcacgag ctgccgaagg cgctgctgcc cagaatgagt   360
atgaagtcaa agcgtccgag ccagaggctc agggagaagt cactgcttgt tctgatcaaa   420
aggtcggagg agccaaatca gaaagcctgg cccaggctgc tccaagaa                 468


<210> 760
<211> 153
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(153)
<223> n = A,T,C or G


<400> 760
ctcttatgaa ctcctagaag gcagngacat ctactttcca gagattgtga agcctccccg    60
gaatccagag ctagttgccc ggctagagaa gattaagata cagctagcca atgaggagta   120
taagcaggat cactcgcaat gtcacttgtc agg                                 153


<210> 761
<211> 495
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G


<400> 761
tgaggacttg ctgaaaatga atattgatat gaacaagcat cttgtgactg gttctgttca    60
agccaaggta ctgaaatggg gtgaagacnt agaagacttg atgtcaccag actacatatt   120
gatggcagac tgtatatact atgaggagtc cttggaacca ctgctgaaaa cattaaaaga   180
tctcagtgga tctgaaactt gtattatatg ttgttacgaa caacgtacaa tggggaaaaa   240
tccagaaatt gagaagaagt attttgagct cctgcagcta gactttgact ttgaagaaat   300
ccctttggac aaacatgatg aagaataccg aagtgaagac attcatattg tgtacatcag   360
aaagaaaaag ccaaaaccgc catcatgaag cgcttctcca tcttagccac gccccgcaac   420
atccctgggt aaggtcaaga tgtgaacgga gcatgtgcat acccgcatgg aaaactgcct   480
cacagatttc tccag                                                     495


<210> 762
<211> 420
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(420)
<223> n = A,T,C or G


<400> 762
agactgagac agctagcagc ggtgcctgag ttccagggca ctagggcctc tcttcaagtc    60
ctctcctgag ccagtggccc tcacagagtc cgagaccgag tatgtcatcc gttgcaccaa   120
acacaccttn tctgatcact tggtgttcca gnttgactgc acaaacaccc tcaatgacca   180
gactntggag aatgtcacag tgcaaangga gcccactgag gcatacgaag tgctctcgta   240
ngggcctgcg cggagcttgc cctacaacca gnctgggacc tgctacacac tantggctct   300
gcccactgaa gaccccacag ntgtggcatg cacgttcagc tgtgtgatga agttcactg    360
ttaagggact gggngatccca acaanaggag aantcganga aagaaggcta tgaggatgag   420
```

```
<210> 763
<211> 286
<212> DNA
<213> Mus musculus

<400> 763
gaactgagac ccattgtgcc gaaaatcttc tcaaggcgga cacttaccgg aagtggcggg       60
cagccaaggc aggagagaag accatctctg tggtcctaca gggctggaga gatggctcag      120
cggttaagag cactggctgc tcttccagag gtcctgagtt caattcccag caaccacatg      180
gtggctcaca accatctgta atggaatccg atgtcctctt ctcgtgtgtc tgaagacagc      240
tacagtgtac taatatacat aaaataaatg aataaattaa aaaaaa                     286


<210> 764
<211> 131
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(131)
<223> n = A,T,C or G

<400> 764
gagatctgac ccttgcanac cggcctgggng gagggaaatg natacnnntg anaanggnan      60
tcacttcttt tctgctggcc ctctaagaca tttntgcttc atatttataa acnaaataaa     120
cttaaagccg g                                                          131


<210> 765
<211> 408
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

<400> 765
atataccta gcagacatcc tgatgttcga gagtcactag gtcccctgtt ggcccctacc        60
cctctccgtc catggcccca gatgacactt cagggcttct ctgtgtatcg atggntgtcc      120
tanaacttgc tctgtagacc aggctggccc caaaatcaga gctttgacct gcctctggct      180
cccaagngca gggattaaag gcgtgggggca cctctgtcag gctgatacac tgtatctcat     240
ggatatgtct cttaactttt taatagtccc tcagtttctt cattccactt taattactaa      300
tccctgtttg tcaagtacag tttgacagag tctgagtttg cttgattaga ttcaggttaa      360
aatccgnttc ttactctatt aaacaaagnt taaattacaa aaaaaaaa                   408


<210> 766
<211> 191
<212> DNA
<213> Mus musculus

<400> 766
gaactgaggg ttccaagact gccctttggt attcaaacgg gagccgcttt ggactgactg        60
gctgccttcc tcctcctccc cctcctcccc cttctgcttc agatttattt attatatgta      120
agtacactgt agcagttgta ggacacacta gacgagggca ccagatctca ttgtgggtgg      180
ttgaaagaca c                                                          191


<210> 767
<211> 471
<212> DNA
<213> Mus musculus

<220>
```

<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 767
aatacacaaa ctcgagctac ttctaaacta cctgttaaat ccaaagaagc ggatttgctt   60
agacatcttc atccaggagg gccagagcct gatgttacaa aagtcaccaa atcgagacga   120
gagaatgggc aggtgaaagc ggcagagact gccagcagga ggaacctcag aaacagctac   180
aaaccgttta ataagcaaaa accggaggag gaactaaagg ataaaaatga gctgctggag   240
gctgtcaaca agcagttaca ccagaagctg acagagactc agggagagct gaaggacctg   300
acacagaaag tggagctact gggagaagtt tcaggataac tgcttagcac ttttggagag   360
caaaggtctc aacccaggcc aagagaccct ggcatcaaag caggaaccca ccacagatca   420
cacggactcc atgctgntgc tcgaaacttt gaaagacgaa ctgaaggttt t   471

<210> 768
<211> 219
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 768
tgacatgtga gcttggggtt atactgtgcc ataattaaca ttgccttgac nactntggac   60
accgagactg gcctcataag tagaaggctt tntttttttt ttttaanac agactcncca   120
tnttnntgna tatgcgaaag nantttggtc cnncacccc tctntgggac anaaactntn   180
tgtgtancct tgggtgnana ccaccgtagg ccttgaact   219

<210> 769
<211> 423
<212> DNA
<213> Mus musculus

<400> 769
gaactgaggt gactcctgct caggtcatgc cgttatctgc tgatccagcc ggccctgcca   60
ggtgaccatg tctgtcctcg gcccagttct tctccaggtg ttctgggccg ggtgtgtcgt   120
caccctgcgg tcccctctgc cagctgcttt cactgccaat ggcacacatc tacaacactt   180
ggcaagggac cccaccacag gtaccctcta tgtaggggcc accaacttcc tgttccagtt   240
gagccctggg ctgcagctgg aagccgtggt gtccacgggc cctgtgaatg acagccggga   300
ttgcctgcca cctgtgatac ctgatgaatg tccccaagcc cagcctacta acaaccctaa   360
ccagctgctc ctggtgagcc cagaggctct ggtggtgtgt gggagcatac accagggcat   420
ctg   423

<210> 770
<211> 554
<212> DNA
<213> Mus musculus

<400> 770
gaactgagat gatgactttg accagtttga caagcctggt gcagaacggt cctggagaag   60
aagagctgct gacgaggact gggacagtga actggaagat gacttgcttg gagaagattt   120
actgtctggc aaaaagaacc agtcggattt gtcagatgaa gagctgaatg atgatctgtt   180
acagagtgat aacgaagagg aagaaaattt cagttctcag ggtgtcacca tcagtctgaa   240
taccacctct ggcatagtta catcatttga gctgtctgac aacaccaatg accaatccgg   300
agaacaggaa tctgagtatg aacaaggaga tgatgagcta gcctaccaca aacctgagga   360
acaagaactg tatactcaag agtacccaga ggaaggacag tatgaaggcc atgatgcaga   420
gttgacagaa gaccaaatag aatatgggga tgagccagag gaggagcagc tgtacagtga   480
tgaagtgctg gacatcgaaa tcaatgaacc tttagatgaa tttacaggag gaatggaaag   540
aggaatggga aacc   554

<210> 771

<211> 104
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 771
gactgaggca tactccagca cccagntggt acagttctga aacagctaca gccaccgcca   60
nggngcccaa gagagctgga attttatacc atggtttact gctg   104

<210> 772
<211> 456
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(456)
<223> n = A,T,C or G

<400> 772
gaactgaggc attttgtgaa agaaggaaga tcctgtctgc tgcatggata atggactgga   60
acacagaaag accatgcagg gttcggctgt agaaggccgg tatctccata ggccaganna   120
caccatcang atctcctggg actggagtta tanaggttgt gagctgccat gttgaaccaa   180
nctggttact gagggacaca ggcatgtgga tggaaaccct gctgggagaa aaacantanc   240
tggtntgtcn ctttatagcc cncttnatga tgcaaganan aatcggctnc ncacaactng   300
nctctgacct ntncatgctt gctgtacctt gtgctcaccc tacccacaca ccntcgnnat   360
catnatcaac ataacgtttt taaatatann aagtntattc aaatatatgt gtataaatac   420
atntatanat aaatatgtga atacattaaa aaaaaa   456

<210> 773
<211> 163
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(163)
<223> n = A,T,C or G

<400> 773
cacactttcg cgctcagcgt cgacggaggc tctgtggctc tctacgtaaa actgntgaaa   60
gaattccaga gggtgccatt tgctcgggcc tagcagggac tggagctaga gcgtggcgct   120
ggnctctttg nggggtcagg ctggaacagg gagaccctga ctg   163

<210> 774
<211> 400
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

<400> 774
gactgaggac ttaagatgcc ttctttgntc atacaccgtt taggacatgg aagattttca   60
ggtccggtga agacantgcn acccnagtga gcattncana tcatgtntaa agagaggtaa   120
gagatatgct gcanagtcca aagaacaaga tgggtgtggc tcagatggct ttacatattt   180
caaganccaa gaccccctgt ctgctacaac tctgctgtgc angccctgag cacanctgca   240

```
gctttctctg acacaccatc ccacagggac tttctcacct atacagtgtt ctcatgtcaa    300
ataagatcgt tgtacaaggt ctttgttaca ttgaaccctg aatttattca gttatgttaa    360
gngcaataaa atacctgggt tttgtacttg cagaaaaaaa                          400


<210> 775
<211> 181
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(181)
<223> n = A,T,C or G


<400> 775
gactgagggt ttctctgngt agccctggct gtcctggact cactctgtnc accaggaccc    60
nnacccaaga gatctgcttg cttttgcacc tcangactaa atctaangaa agatggatac    120
ctacaatggt gaatttgngg actctgtttg agcagcttgt gcagccggat ggagattatc    180
a                                                                    181


<210> 776
<211> 172
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(172)
<223> n = A,T,C or G


<400> 776
gatatccctg agatggacac agtccacctg ngtggcctaa ggatgcaggg cagaggaact    60
gcccatgggc agtggttcat cggccaagct gagagtgtgt attttggatt tccggtttgc    120
ggagatgctc tcttccgggt gttctgccca aaataaagga cctggacaag aa            172


<210> 777
<211> 318
<212> DNA
<213> Mus musculus


<400> 777
gaactgaggt acaccaaatt gaagaccgcc ccaacatcta catcttcaat ctggctttgg    60
ctgatgcgct ggccaccagc acgctgccct tccagagcgc caagtacttg atggaaacgt    120
ggccgtttgg cgagctgctg tgcaaggctg tgctctccat tgactactac aacatgttca    180
ctagcatctt caccctcacc atgatgagcg tggaccgcta cattgctgtc tgccatcctg    240
tcaaagccct ggacttccgg acaccagcca aggccaagct gatcaatata tgcatctggg    300
tcttggcaaa aaaaaaaa                                                  318


<210> 778
<211> 453
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(453)
<223> n = A,T,C or G


<400> 778
gaaagcagtt atgatgccgn caaagccctg cancgcctgg tgaagaagcc tgtgcccaag    60
ctgatcgaga agtgctggac agaggatgaa gtgaaacgct cgttaaggg gctccgacaa    120
tactggcaag aacttcttca gaatcagaaa ggagctgctt cccagtaagg aaaccgggga    180
actgattacc ttctattact actggaagaa aacaccagag gnnttcagct nccgtgccca    240
```

```
ccgncgccac cgcaggcagg cagtgttcac gaagaattaa gactcgcaca gcgtccaccc      300
ctgtnaacac gccctncaga ccaccttcca gtgaattctt ggacctgagt tcaaatccca      360
gcaaccacat ggtggctnac aaccatcctg taanagagat ctgactccct cttnctggag      420
tgtctgaaga cagctacaag cgtacttaca tat                                   453


<210> 779
<211> 571
<212> DNA
<213> Mus musculus

<400> 779
ggtttcacta tgtagaccct ggtcggcctg gaactctata gaccagactg gcctcgagct       60
cagatccgtc cccctctgct gtcccagcac ggggattaag aacgcgccac cactacagct      120
gaccggagct tcactttggt tagacacaaa cacaacacag cttgtcgtca aacaccgtga      180
catgaatgag aaggaattag aagcccagga ggcacgaaag gcccagttgg aaaaccacga      240
accagaggaa gaggaggagg aagagatgga ggctgaagag aaagaagctg ggggctcaga      300
tgaggaacag gagaagggta gcagcagcga gaaagaaggc agcgaggatg aacactctgg      360
aagtgagagt gaccgagaag agggtgacag agatgaggca agtgacaaga gtggcagcgg      420
tgaggatgaa agcagcgagg atgaagcacg tgctgcccgg gacaaagagg agattttttgg      480
tagtgatgct gattcaaaag atgatgctga ctcttgatga tgaggacaga gggcaggccc      540
acagggycag tgacaatgac tcggacagcg g                                     571


<210> 780
<211> 145
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 780
cagcgccggt ggctggcgac ttcacggctg nngacgtcat gacgagcgag gngattgang       60
atgacanana gttttattng anggccatga cctactgtaa gcagatccca cccacggtgg      120
acggcatgct cggggggaat gtcca                                            145


<210> 781
<211> 302
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(302)
<223> n = A,T,C or G

<400> 781
cagcacgtct taaaacattt actgctaacc agattgatga antaaaagac ccttcaggac       60
tcttttatat ccttcctttt caaaagggat acttggngaa tngggatgnc cagcgacang      120
nttgggatta tcttttttgga aaagaaatgt atcaggnnga gtctttanat actaatatta      180
ntatnacaga accatatttt aactncactn cnatccaaga ntcantgaan gaantcctat      240
tcgaagaana ncaggtccaa gcaggattaa gagtaaatgc cggggctctc agcgcacaca      300
gg                                                                     302


<210> 782
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)
```

205

<223> n = A,T,C or G

<400> 782
tcattgaaca catccaggtg aacaaggcac ctaagatgcn ccgacgaacc tacngagctc   60
atggncggat taacccatac atgagctccc cctgccacat tngagatgat cctcantgag   120
aaggaacaga ttcgttccaa anccacnaat aggaggttng cacagaacaa aaagatatcc   180
ca   182

<210> 783
<211> 453
<212> DNA
<213> Mus musculus

<400> 783
gaactgaggc ctctaatttt aagaagacaa ccatggcatc cagtgcccag agaaaaagga   60
tgagtcctaa gcctgaactt actgaagacc agaaacagga aatccgggaa gcttttgatc   120
tctttgatgc tgatggaact ggaactatag acatcaaaga actgaaggtg gcaatgaggg   180
ccctgggctt tgagcccaag aaagaagaaa ttaagaaaat gataagtgaa attgataaag   240
aaggaacagg aaaaatgaac ttcagtgact ttttgacagt gatgactcag aaaatgtctg   300
agaaagacac taaagaagaa atcctgaaag ctttcaagtt gttcgatgat gatgagactg   360
ggaaaatatc attcaagaat cttaagcgcg tggccaagga gctgggtgag aacctgacag   420
atgaggaact gcaggaaatg attgatgaag ctg   453

<210> 784
<211> 260
<212> DNA
<213> Mus musculus

<400> 784
gaactgagga ttcccgagga ccggtgcagc agcctttgga ggatcggctc ttcccaccta   60
cggtctctgc agtctatagc acggtccctg tagtcctggc tatcctggag cttgctgtat   120
aaaccactgt ggccacaagc tcccagagat gttcctgcct ctccctccca tactggaact   180
aaagctgttc atcatcacat tcctttcaat aagcgtttct ttaataatat aacttggaag   240
ccatatgaaa taataaaaaa   260

<210> 785
<211> 115
<212> DNA
<213> Mus musculus

<400> 785
gaagaagatg gactcacatg agcacaagtt cagaaatgaa tagtttgaaa gtaggttctt   60
ggaaaataaa taaataaata aataaataaa gacaatggaa tggaaagaaa aaaaa   115

<210> 786
<211> 400
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

<400> 786
actaactgat gatgatgttg aacagagccc aggcaatgcc ttatgtggat cggcagaacc   60
gaatctgtgg gnttctggat attgaagaca atgagaacag tggcaaattc ctccggagat   120
actttatcct ggatacccan nncaactgcc tcctctggta catggacaat ccccagaacc   180
tggccgttgg ggcaggagct gtnggatctc tgcagctgac ctacntcncn aaggttntna   240
tagntncccc aaaagcagaaa cctaaaacac cattntgctt cnntatcaat gccctgtctn   300
agagatnttt tnttcaagcc antgaccana aagatctgan ggactgggnn cnaagacntt   360
gnaccaagcc canccaagat tacctgtacc caaagctgcg   400

<210> 787
<211> 542
<212> DNA
<213> Mus musculus

<400> 787
gaactgaggc acgggcagtg gttctgtatc ccacgcaatc atccgcagcg ttgcccccac   60
tggccaccta cacacagtag agttccacca gcaacgggca ggacaaggcc cgggaggaat   120
tccaggagca tcggctgagc cagtgggtga ctgtgcacac ccaggatgtg tgctgcagtg   180
gcttcggtgt ggtccacgtg gctgacgctg tcttcttgga tatcccatca ccctgggaag   240
ctgtgggcca tgcctgggat gccctcaagg ttgaaggtgg gcgtttctgc tccttctctc   300
cgtgcattga gcaggtgcag cggacatgcc aggcgctggc agcccatggc ttcacagagc   360
ttagcaccct ggaggtactg ccacaggtct acaatgtgcg cactgtcagt ctgcccttgc   420
ccgacctggg ggccaacaac ttagagacca acatgggctc tgatgccagc cccttccgta   480
gtggcacacc catgaaggag actgtgggcc acactggcta cctgactttt gccactaaaa   540
cc   542

<210> 788
<211> 300
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 788
aagaatcatg gtgagcacaa ngaagaaata antgaagcgg ngccaggggg tggttcctca   60
tgagatgnaa ggccaccana ggaaagcacc cannaaatga tggaggagga ggaagaaata   120
ccgnnaccta nttcagcggt ggcaccacca ggtgctccna agaaggaaca tgtnaatgtn   180
gtgttcatcg tacatgttga tgcnggcaag tcaaccattg taggacaaat aatgtatttn   240
actggnntgg tngacaaaag gacacttgnn aagtatgatc ganaagctaa taaaaaaaaa   300

<210> 789
<211> 359
<212> DNA
<213> Mus musculus

<400> 789
gaactgagat ccctgctgtc tgaatggagg accacagtag gccacgggag gaggagaatc   60
aagatgctgc agttgacagt caggtgaccc tctgaagctc atctgcctct tcaaccatca   120
ggtctaggtg gctgtgctgt agactctgtt accctgtgac gtgctggtgc ggggagttcc   180
atagggagga cgctccatgt cctggaagcc agaaatgggg ctggtgtcat ttgaggatat   240
agctgtggaa ttcacctggc aggaatggca ggacctgaat gaaggtcaga gaactctcta   300
cagggatgtg atgctggaga actacagcaa cttgctgttc ttggggcaca aaaaaaaaa   359

<210> 790
<211> 245
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(245)
<223> n = A,T,C or G

<400> 790
aatctcagga tgcacataag ntgctttgnn ngacaccntg gaggaagana acgagaagga   60
tctggtagag actagctaaa cgcnttaana gagaaaaaga gantggtggc atcattaatt   120
ntgnggaana ggangcgaac anaangaagc aganagnntt ngggagcaca ctgaatggca   180
aggatggaac tgggtcccat ctagngacag ngcctnctgg acctagcttg gctgatgctc   240
tcatc   245

<210> 791
<211> 533
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(533)
<223> n = A,T,C or G

<400> 791
```
atggagctaa tgcacccatc cgaagaacaa agaagagccc aaagcccggc ccttgagagt    60
gggtgacaca gaaaagccag agcctgaacg gtcccctccc aaccgcaagc gtcctgctaa   120
tgaaaaggcc acagatgact accactatga gaagttcaag aagatgaaca ggcgctactn   180
gaggcagcgg taggggctgg ataacgatgt gatgcacagg ggtgcgtttg tgtgcatgtg   240
caagcgtggg ggcacacaca catgtcctct tgcataaaac ctgcttatta gctcttgagt   300
tccccatcag atagtgcttc tgctcagtgg ctggatttct gttctggttt tggttggaga   360
ctgtagctct ctgtgtatcc taggccatga actccctcct cctccctact actgggattt   420
tagacccccc accccctgca ttttcaagca ctaactttgt aactattngg aagaaaacaa   480
tggtgtctat gtctatctat attgtttccc taccctaggg catgacactg ata           533
```

<210> 792
<211> 498
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(498)
<223> n = A,T,C or G

<400> 792
```
gactgagaca gctcagtgta naanagagan gacggagaag ganatggaga nggagaanga    60
naaggagnng angaaganna agaagacgat cancatgttt gatggcagac gtcttcttnc   120
nncganctcc ctgtccttag gaaaagaggg aaacngatgg aacanggnta taggcctaag   180
acnggntttc tgtgtgtacc cctgnctgtc ttggaactca ctctgtagac gaggctgncc   240
ttgnattcag aaatcnncct gcctctgctt cctgantgct gngattanag gcgtgcacca   300
ccatgcccng ctggaattca acacttntat cttttgcttg gtgacttatt atagtttgct   360
gagaaaaaaa gttcaatttc ttttgtttaa aaattgtgaa tgcacatttg catatttgag   420
acagcatctt gctatgtatc ccagtctacc cttgctgttt tgttaaaata caagtaacaa   480
acttgtcaaa aaaaaaaa                                                  498
```

<210> 793
<211> 427
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(427)
<223> n = A,T,C or G

<400> 793
```
aactgagaga cggaagcagc tacttgaggc gagccacagc tcagatcatg gaaatcagta    60
tgcaagccca ggagaactgc aggagttggc atcatattca tgtannatca gtgntaactc   120
tggctacng agacgaatgt tggactacta tgtgtctcac tgacaagaca ctgnnggtca   180
ncgatgggag acagaactca ccatttaaaa agatnaagaa ngaacaccac ccnactaaga   240
tatgaaaaag gaagcacgan ggnaangctg agagaaacag atgctaccca cagggcagcg   300
gagccatttg gttgttttgg tctttgtacc ancaactccc actcctgtga acggngtcca   360
gttccagctg nactacacgg tttttccttg cagtcaaaac gcgaacaatg gaccccactc   420
ctccagc                                                             427
```

<210> 794
```

208

<211> 446
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(446)
<223> n = A,T,C or G

<400> 794
gaactgagac tgaaggnctt ttaccagagt ctctgctgtt ctcctcggat tcttcctcct      60
cctcatcgtc atcggagtac ttcttctttg gggnctttct ccgcaaacgc ctgctttgcc     120
tcattggccg agaaggatgc cgcctcagtc ttcggctgca gaagtcagtg tcgctgncct     180
cattggatgg tggctcttct tcactttcat ctggattttc atcagacaca acaaactcat     240
cctgagatct gtccaggaaa agccagatac atcacgatgg tacacttaga gtttggtntg     300
ntttggnaca ttnagaagng ataaccagtt tttcaaagnt ccaaacacat tgtaaagaac     360
ccaggaaaac attaagtaaa tntaaagata tatttggaaa attatgtcaa ctttgccaat     420
aaaatgtatg ttctaccatc taaaaa                                          446

<210> 795
<211> 219
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 795
cttcacatca tttggnctgn accatangcn tgnnngnntg gtnntctnca gngcctggac      60
ccattgacca gccccctgag ggggaggatg agcacatgga gtctctggac ttagaggctg     120
acaggatccg gcaggagctg atactcactc atttcagtta gaatgagggt agagggagga     180
ggaaggcttt ccagaataaa ccgacaattt cccccctta                            219

<210> 796
<211> 462
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(462)
<223> n = A,T,C or G

<400> 796
gaactgaggt ctactgcgcg ccgcgcgagc atacgccgcc gtccagaaac cagtccaacc      60
caagcaggac gatgaaccac cctcctctgc gttcatcaaa gaatacaagg acatcatccc     120
caacatagag aaggttgntg atnntgtgnn tggaangttg nctttggana tggccgnccn     180
gactganntn nnanaggtcc cgnagngaac aatncgatga acnanatggt ggntnaccct     240
gangngtncn gagcntngnn ggcttattcn ngagccttga atgacaggnt ccgcgttntt     300
gtatacctca tgcagataca tnnaaaggac aaagcccaca aacgccatct gntgatgagc     360
atcgaccgga ggaaaaagtt gntcaaaatc ctccgtcaga ccaactatga tgtcttcgaa     420
aagacatgca nggagctagg ggtggnatat accttacccc ct                        462

<210> 797
<211> 500
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(500)

<223> n = A,T,C or G

<400> 797

```
actgagacct ataggatnag nnataatggg agcattttta gacaagccna agcatgnaga      60
ancntaatgc ccangggcag gngantgggt taccatacng cctacgcngc atgcaaggtt     120
gncgagttga aatggaggac agcacacacg gctgttgatc tngtttgcca agtggacttg     180
agacatggnc attctttgct gtatatgatg ggcatgctgg ttctcaggtt gccaaatact     240
gctgtgagca cttgttagat cacatcacca ataaccagga tttcagagga tctgcaggag     300
caccttctgt ggagaacgta aagaatggaa tcagaacagg gtttctggag attgatgaac     360
acatgagagt tatgtcagag aagaaacatg gtgcagatag aagcgggtca acagctgtgg     420
gcgtcttaat ctctncccaa catacttatt tnattaactg tggagactcg agaggtttac     480
ttttgtagga ataagaaaag                                                 500
```

<210> 798
<211> 524
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(524)
<223> n = A,T,C or G

<400> 798

```
tgagttgctc taggtcgtaa ccagcctttg aaaaaggaga aaccaaaatg gaaaagtgac      60
tatcccatga cagatggaca actgcgcagc aagaggggatg aattctggga cactgcacca    120
gcttttgaag gccggaaaga gatctgggat gccttgaagg ccgctgcaca tgcttttgaa     180
agcaatgatc atgaactggc acaggcaatc attgacggtg caaacataac actaccacac     240
ggtgcactga cagagtgcta cgatgagctg gggaaccggt accagctgcc agtctattgc     300
ctggcaccac caatcaacat gatagaggaa aagagtgaca taaagactct tgatattcct     360
gagccacctc ccaattctgg acacnaatct cagctccgcc tgcggctctc cacaggcaaa     420
gacctcaggc tcgtggtccg cagcacagac acagtgtttc acatgaagag gcgcttacac     480
gccacaaagg gcgtggagcc aggcagccag cgcttggttc ttct                      524
```

<210> 799
<211> 407
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 799

```
aactgaggac ttttcccgca ggctgcgagg ggacccacag ttcgtggcca cttgcctcct      60
ggggagggcg actctcctcc catccactca agatgctcag gggtccggga cccgggcggc     120
tgctagctgc tggcagtcct gtgcctgggg acctcggtgc gctgcaccga agccgggaag     180
agcaagaggc aggctcagca aatcgtgcag cctcaatccc cggtggctgt cagtcanagc     240
aagcctggct gttttgacaa tgggaagcac tatcagataa atcagcagtg ggaacggacc     300
tacctaggca acgccctggt ttgtacctgc tatggaggaa gccggggttt taactgcgan     360
agcaagccct gngcngtaag tggaaggcan ntctggggcc ctgggca                   407
```

<210> 800
<211> 513
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(513)
<223> n = A,T,C or G

<400> 800

```
gattggcata agatatttct tcaagattgg acagctgctg gcctgctact tctgttagct      60
gcaagagata acaccatcat ggatctgcag acacagctga aggaagtatt aagagaaaac     120
gatcttttga ggaaagatgt ggaagtaaag gagagcaaat taagttcatc aatgaatagt     180
atcaagacct tctggagccc agagttaaag aaagagcggg ccttganaaa agatgaagct     240
tccaaaatca ccatttggaa ggagcagtac cgagttgtac aggaggaaaa ccaggttagt     300
ttcatttata catttatctt tatgggctga gtccatgtat ataaacaaaa agaggcattc     360
cttttccatc ccgtcttaga tttcccccat ctttggtctt ttattttttt tatttatcct     420
ttttactta gaactctgtt tctantatct tagccttttt aagacttgtt cctgtacatg     480
gtgcaaaaca ctcacacata taaaattaaa aaa                                  513
```

<210> 801
<211> 490
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(490)
<223> n = A,T,C or G

<400> 801

```
gaactgaggg tctgcactga acctgagctc accagttcag ctagactgcc tggccagtga      60
actccaaaga ctgacctgtc tctcccttcc cgttgctgga attacagaaa gtatttgctg     120
gcctcctgtc ctggaaaaat agctggactt tccaggatac agtgagtgag tacaagcaag     180
ttgctgtaga gtgacaagaa cctcacaagc taaaagaaga gaaagcattt tggacattgc     240
gtaacagaag agaatatcta ctaaggtgct tgtcagctgt gaaaatgtct gacaagaacc     300
aaatcattgc cagggcttcc ttgattgagc aactggtgtc taaaaggttt tttgaagaaa     360
tcancttgna gctgtcaagt ctganttata ttttggtata ttntntccat atggcattcc     420
agggtggntc accatggngc aatgtgntag tcctttacng agngacttac agagtcatca     480
acaactcaag                                                            490
```

<210> 802
<211> 414
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(414)
<223> n = A,T,C or G

<400> 802

```
caatgcttac ctgctnttgn ccgaagatct gaanagcgtg nggtatggga gggaccaggc      60
agcaattacc tgacaaccca gagcgattng tcagtcctgc aanctgtgtt gggagcccan     120
attttcacct gcggnagaca ctactgggaa gtgcaagnng ngaaagaaga cggagtggca     180
agtggngatc tgcanggact ttgngaacag aaaggggant ttcncccaaa nctgnccggg     240
gacctcttcn cactcatagg cttaaaaatc gncgaccnat tacaagtctc ttggnttnca     300
tctcccctga aagggcaaca tgtcncggag nanccegtgn cntacaggct gggngnagttn     360
ttnggactat gactctgnan cccataancc ttatacaatt gcgaacagga tgga           414
```

<210> 803
<211> 318
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(318)
<223> n = A,T,C or G

<400> 803

```
cacaaacgtg tatcttggta tgcaggggnn taccagtagg acaacttata gaattggctc      60
```

```
tctccttnnn tgngggtccc anagacagna ctccggccat cagacttgga agccagcacc      120
tctaccagct gaatcatctt tgcctgcctt aaagtgaatt tccttaagag ggagaatgtt      180
ctaggngtgg cttcacagag acagtggtta ccggccngtt ttntnagcgn agcttgaagt      240
gggaggctgg gtggcacaca tgggagacca aagagatgtg acttntttcc ctagcctctt      300
ttggtgtgtg tgtgtgtg                                                    318


<210> 804
<211> 167
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G


<400> 804
aactgaggga actggaagct gcaagcatcc tcagctgaca actgcacctc cgcgaatggc       60
tgggtctctg tagtaaaact gcggtggnag gccattgtga ttgtnataga cccngagaaa      120
cctgnactga cgcccttta aactgcagtc aggaggaggc tgactaa                     167


<210> 805
<211> 494
<212> DNA
<213> Mus musculus


<400> 805
aactgagatt gccttgggtc cccggtattc acgcccatca aggcagacat aagcggtaac       60
atcaccaaaa tcaaagccgt atatgacacc gacccagcca agttcaagac cctgcagaac      120
atcctggagg tggagaaggg gatgtatggg gcggagtggc ctaaagtggg ggccactctg      180
gcactgctgt ggctgaaaag gggcctgcgc ttcatccagg tgttcctgca gagcatctgc      240
gatggggaac gcgacgagaa ccacccaac ctcatccgag tcaacgccaa caaggcctat      300
gagatggccc tgaagaagta ccatggctgg ctggtgcaga agatcttcaa ggccgccctg      360
tacgcagcac cttacaagtc cgacttcctc aaggcactct ccaaggggca gaacgtgaca      420
gaggaggagt gcctggagaa gatccgcctc ttcctggtca actacacggc caccattgac      480
gccatctacg acat                                                       494


<210> 806
<211> 265
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(265)
<223> n = A,T,C or G


<400> 806
aactgaggaa ggggaagaag aaggagatga ggaaaacgat ccagactatg acccaaagaa       60
ggatcagaac ccagccgagt gcaagcagca gtgagcagtg actggccttg aggacggccg      120
ccctggccta ccttctgctt tcctggaaaa gatgaatata catcatatga acctattttg      180
agttttctg ttgtttgttt gcctaatttt gtttttatag cctaaaataa aaatatgaca      240
cagntttagc tctcaaaaaa aaaaa                                            265


<210> 807
<211> 115
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(115)
<223> n = A,T,C or G
```

<400> 807

gtagtcccgc ttccaccaaa actctgtgtt tcctttctct caaaataaaa ctcaacaagc   60
cataaagctt ncgacgccgg tggagannggc gcccncgnat ttatggcccc tgaat   115

<210> 808
<211> 544
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(544)
<223> n = A,T,C or G

<400> 808

gactgagagc tgctctcaga nctgctgctg ctgctgctgc tggcacganc tntngtccga   60
gtccnntgag gaggaggacg aagagganga ataggaccan gnacaggccg aggaagagga   120
guaggaggag ganctagaga ggctttcatc tgagtcactg tcttctgaag aggatgaggc   180
ggatgtctca ctctctgatg aagactcact ggccgaactg tcactgctag agatcnnctc   240
tnngtagana nngttcttct ttgtcttctt tgcgacaagg tctcacgtan cctaggctan   300
gcctgaagat gctgctgaac gcttgacccc tccgcttccc ttacacagcg tcacggatgg   360
atctcagaac cttgtgcatg ctaggcaagc nctctgcaaa ctgagctaca tctcancccg   420
acttctaccc tgtgcttgga cctcaaaggt ttcccaaatg antctctgct ccctgatgag   480
gagagtagct cgatcctgcc ncanacganc cagcncgggc ttcactctaa ccatctccaa   540
aaaa   544

<210> 809
<211> 338
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 809

tcccacctgt acctgtgtct gtgtccagcc aggaagacnn gttgcctnan ctacctcccc   60
tgcctaantt accanacacc ggntgagaac tacgtgactc ccattgnaga ctccccagca   120
gccgaatacg tgaatcagga tgngcctctc tccaatcagg cggtccntnt gaagnccaag   180
aagccngccn ggntccnagc anaacnccna tagncatnag ttgtgcctan gccagatctc   240
ttagccatnn ccngngttga ggaccaggan gctaggtgga agntcntncc aggcttgctn   300
ccttgggaca agacttgngg ntatcaccgc tgagctgg   338

<210> 810
<211> 240
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(240)
<223> n = A,T,C or G

<400> 810

gactgagaat agtatacaag cttcaggagg gactccggaa gccaagggca ttgagaaacg   60
caagctttct cagaaacgaa ggacactgta gctgccagca gcagtccatg agcatctcca   120
agcccaagta cctggagcaa ctagaaaact acctgcgcaa ggaactcctc ctgctggacc   180
tgagcacgga ttctgcacag gaactgaggc tgcaggtnaa agcccacaga cccaacatgt   240

<210> 811
<211> 133
<212> DNA

213

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(133)
<223> n = A,T,C or G

<400> 811
gagatcttcg aagaactgtt gctgtaactc ttggtatatt tggaacttat ggcntacaca   60
atccacangc atacagatac tgtgaagcag atttttgctt tagaataaaa aagctgtgat   120
acaagaaaaa aaa   133

<210> 812
<211> 512
<212> DNA
<213> Mus musculus

<400> 812
actgagtgta tcctgagggt accggcgggt gtttgaggag tacatgcggg ttatcagcca   60
gcggtatcca gacatccgca ttgaaggcga gaattatctc cctcaaccaa tttatagaca   120
catagcatct ttcctgtcag tcttcaaact agtattaata ggcttaataa ttgttggcaa   180
agatcctttt gcttttttcg gcatgcaagc tcctagcatc tggcagtggg gccaagaaaa   240
taaggtttat gcatgtatga tggttttctt cctgagcaac atgattgaga accagtgtat   300
gtcaacaggt gcatttgaga taactttaaa tgatgtgcca gtgtggtcta agctggaatc   360
tggacatctt ccatccatgc aacaacttgt tcaaattctt gacaatgaaa tgaaactcaa   420
tgtgcatatg gattcaatcc cacatcatcg atcatagccc tacctatcag caccgaaaac   480
tcttttacac taagggattt tgcaagagca gg   512

<210> 813
<211> 410
<212> DNA
<213> Mus musculus

<400> 813
gaactgagag tcagtcgctt tgaatccaag atccatgact tgcgggaaca aatgatgaac   60
agcagcatga gttctgggtc tgggtctctc cgaaccagtg agaagaggtc cttgtatgtc   120
agggccctgt ttgattatga tcggactcgt gacagctgtc taccaagcca gggactcagt   180
tgaaggcaaa gagggataaa gtgacagatg attgtgactc tcgcgagggg gggtgagccg   240
ggaagtgttg attctctgat ggtaactgac agcagtggac agtgctcaat cctccctccc   300
agggaagaaa agcaaagatt cgaagtaagc atgataatag ttggtttacc agtgttcctt   360
ccaaggagac atatattttt taataaatga tagttgcaat gaaaaaaaaa   410

<210> 814
<211> 100
<212> DNA
<213> Mus musculus

<400> 814
gaactgagct ctaagaacag gtggaattag ctatggataa ttcatacaat ttaaatgaac   60
aaagctcatg gaatggaatc tcatctgaga agaaaaaaaa   100

<210> 815
<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 815
ttgattcaag atgtcacaga cagtncttcc cnnntgggga gtctgacatt tgaagaggaa   60

214

```
gaactgactc gagctgatcc tgagcaatgc catgtgcccc tgtgagtaga acgaatgatg      120
atgcagtcat tcctgaaaaa tgtgggacaa ga                                    152


<210> 816
<211> 365
<212> DNA
<213> Mus musculus


<400> 816
gaactgaggt ttagagtcag gtcctcccgg ccaatgctac tggggaaata gcccaggcgg       60
gctgccaggt ctccatagta acctccctga acctggagaa gaagttaaaa gtccatctgg      120
ggaaacggca cttatgcttg ctgaacgcct gtgtacaatc ttccctctta cttgaatctc      180
agcttaaatg ccatttgctc atggatagaa tgttgccact acaactaatc ctcacaatgt      240
catgtttgct gccacttttg atggcttgct ggttgcctgc ctctacccct ttgttcactg      300
ttgtatcccg ggtatgaaaa agagctttgg cgctaagctt ctctgtaatt tctaaagaaa      360
aaaaa                                                                  365


<210> 817
<211> 546
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(546)
<223> n = A,T,C or G


<400> 817
gaactgagat tggcttgggc aaaagaatcc agagaccta  ggatttcaga aggccagcag       60
tctccactgg agaagaagat cctgagtttt ggtggtgtgc atacaacagc agcaagacac      120
ttgataactc agaaatgcca tgaggagagc aaagcactct gcaaggagca agctaattct      180
ctggactact ggcttgcaaa agcagagtcg tattataata agagaatggt ggagagaatg      240
aaaaaagaca caggtgatga aacaaagaca aaagtgcaag aggaaccacc atcaccatca      300
ccaccaccac caccaccacc acgcagagag agacagaaac agcattactg ggtgcctgag      360
agagagaaga agcaaataga aaggcacatt catagaacaa gccatgccag agaatttaca      420
gaccaacccct ggagacagcc acgactcttc agtgaaacaa cactacccaa aattgtgcta      480
gaggaggaaa gcatcccaca agcacagaaa agaaggcagg cncacgagag agaactgctc      540
caaatt                                                                 546


<210> 818
<211> 239
<212> DNA
<213> Mus musculus


<400> 818
aactgagatg gatgtccatg gcagaataag agaaattctt gcagagacta tacgagaaga       60
attagcaccg gatcaacaac atttatcaac agaagatctg atcaaagctc taagacgtcg      120
aggaatcatt gatgatgtaa tgaaagaact taattttgtg actgatagtg ttgatcaaga      180
actcccttct tctccaaagc aaaccgttgg ttttgataag cagtcaacat taaaaaaaa      239


<210> 819
<211> 457
<212> DNA
<213> Mus musculus


<400> 819
gaggctcgac ttcggatggt agacattgtg gagaaggaag atgtaaatga agccataagg       60
ttgatggaga tgtcgaagga ctcccttcta ggtgaaaagg gacagacagc taggacccag      120
aggccagcag atgtgatatt tgccaccatc cgtgaattgg tgtcacaggg ggcggagtgt      180
ccactttttct gaggctgaac agcgctgcat atctcgtggc ttcacaccag cccagttcca      240
ggcagctctg gatgaatatg aggagctaaa tgtctggcag gttaatactt ctcggacacg      300
gatcaccttt gtctgatagc cagttttac accctcctgc ctacaccaga gggcatgctg      360
aatgccccct caagaaaaaa tctcattctc ccatgctgca cttttttatt ctgccaataa      420
```

agtgttttga ttgcctcttg cttgttaaaa aaaaaaa   457

<210> 820
<211> 125
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 820
tgggattaca gatgtttgct gagggaaaat ggccagaaaa tcctcattcc tacgtttgtt   60
ccttanaaag gctgttgggg caggtaatcc agctcctgca cagttctgct gagagccaca   120
taaaa   125

<210> 821
<211> 253
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 821
gactgaggct atatcggcgt ggttaaccga agccagaaag acatcgaggg caaaaaggac   60
atccgggctg ctctggcagc cgagaggaaa ttcttcctct cccacccagc ctaccggcac   120
atggctgacc gcatgggcac cccacacttg cagaaaaccc tgaaccagna antgaccaac   180
cacatccgga gagtcactgt cgacccttcg cannaagntg nagagccaac tgctgtccct   240
ggagaaggaa gtg   253

<210> 822
<211> 495
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 822
gaactgagga gtgccagtgc acaaccaagg naagtccatc agctttatta acccatcaaa   60
atcaagtgca gggaaaggat atgctgcctc aaacccaaac aaattggccg tatcaagaac   120
tatgggtttt ttaactgaca tgaagccggc agaaaaacta aactgttcct agcgctaaaa   180
cagtacaggt gcttgattca aaaggagttg atgtcacacc ccgacctctc taccatccag   240
atccacatgc tgcgtcagca aagccaaaca aactcttgac atcacaagaa ggatcgcttg   300
gatcagatta tatttcttcc tatagcctct atcanaatac actaaaccct agcatgttag   360
ggcagtacac aaggtcagtc ctggggagca gntcagtgtc gaagtcaagc atctcaacaa   420
ctgagtcgat gtcagaggac cttgaagatt cctcttacaa gaggggatag attggccagt   480
tttacagatg tacga   495

<210> 823
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)

<223> n = A,T,C or G

<400> 823
tacagcaagt ccaaaggant gccnactctc canaggattt aactggnagn ggnatgagac   60
ttctgatttc acagctcgnt ggctacctga aagngaaaac aaaaattcan nncatntttt   120
atctatggca tgncngcaaa ncatcaaaan aaagcgattc ttaaacccgt gaaaaaaaaa   180
aa   182

<210> 824
<211> 313
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(313)
<223> n = A,T,C or G

<400> 824
ccacaggtgt cggccagcag tatcctgacc cagcaacggc atggtgnnat gtggggctat   60
atgccaagag ganagccgtc tatnnggana actctctcta tcagcctctt tcttgcctcg   120
gganatncgn gctcttctca ataagcctaa ggctttactg ntaagaatcc caggaggttt   180
ctgggataag acaccattgc ttaaactcgg ggnatgcagg aaaggaaagg gcagacactg   240
ngaagggctc atagaaaanc actttcaaca attttgggaa taccaaggag aagaatttcc   300
tagagaaaaa gaa   313

<210> 825
<211> 336
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(336)
<223> n = A,T,C or G

<400> 825
ctgagactga gtaagagaga gagagaagag agaagnagaa ggagaagatg aagaagaaga   60
agaagaagaa gaagaagaag aactgctttc cctcgtntcc ttgctggtct gtcctccccn   120
angaccctga cttgnaacac cnaanccntn cacaaccagc ancccancca ngcancaaat   180
gacacacacc aaggctcatc tggctcctga ggttcaaagt gagtttnnt tgtgttttat   240
tctaacatgt tttttcagag ttttctgctt tgaaaatgaa gttctttttt agctggngaa   300
gaataaataa tatttccaag agccgccctc ccagga   336

<210> 826
<211> 520
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(520)
<223> n = A,T,C or G

<400> 826
tcatcagaaa agctaagttt gctatacagt aaggatcagg agatctgacc ctggttgcag   60
aaccattcct ggttgcagaa tacagggttg tattcccact tcatctttcc agaccatcct   120
aggaaatact aggaatcctt ggaagggaaa gaaggaacat tgttggttgg aataaaaaca   180
gggttgaatg agttccagaa agcaggcttc tcaaactcgt ggacaacaat ctgctgaaga   240
agacaacttt aagaaaccaa ctcgaagcaa tatgcagaga agtaagatga gaggagctgc   300
ctcgggaaag aagtcagctg gttcgcagcc aaagaatctc gatccagccc tgcccggaag   360
atggggaggn ccgctctgct gagaaccccc cttccggttc gtgcggaag accaggaaga   420
accaagcaga aggctcctgg cnaacggaga cggaggcagt acccagggga agtcccccag   480

cccccctcgg aagaaaaagg gcacggggct gaccccccact   520

<210> 827
<211> 360
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 827
actgagactg aggtatcagt ccctcacctg accctgttcc tgaacacagt gcacccatct   60
atgagttccg gtgacagagg ttcagaacag tggccaaata aaactgaact tggcaacaaa   120
nanctttgan aggaaattat gtacctgcca tgaaccagga gaggtgtgtt cctgtttgtt   180
cacgagcaga cttcatcaga aagcatgaat gttaacctac aggatccaag gagcatggcc   240
aacctgcagg caggcaggag gagctgttca cctcccaccc tccttcctct cagtggcatt   300
gtggtcacca tctgtttctg aacaacctta aatgcacttt ccttcctgca cagctaactt   360

<210> 828
<211> 421
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(421)
<223> n = A,T,C or G

<400> 828
acactcacgt ccttgtgcag ccttcgccac catcctcctt cagaactcat tcatctctca   60
cagttgaacc tttgcncaca tgaaacagtn agtctctctt tttaaagata anttnctatt   120
ttgattatac atgtggatgc agatgcccct ggagaccaga catgtnggag ttgnggtgaa   180
gatggttata aacccactna ngtggngttg tnctggctgc cctataactc actntggggn   240
ccaggctagc ctgaactgcg atgtctttta cctaggtttt ttcctcccag ttcactgatc   300
ctgtnntgca tgncnnannn nacctccctt aaanacatat annccaccan nntntgcanc   360
aatttcagaa ggctcaaggn gggggacgcc ctggccctat nttgaccagg tgaaactgca   420
g   421

<210> 829
<211> 536
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(536)
<223> n = A,T,C or G

<400> 829
gaactgagag tcctttggac agaactaccc agtaggtaag ctgatgggac tctggactgc   60
atcagcatgg ccctgacctg cacctttaac agaagaccct naataaannn ctgntggccn   120
tccaccgnat gcagtcncaa nctncttgat ggaggaaggg gctngtgtca gagaanaana   180
ggcacncttc annacanggn ncccatncac caaagangaa acntanaccc accantatan   240
ggntncaagg agagccgaat gatgaantcc atccactact gngngtaaag ggggatggca   300
aatcgaaana agantcaagc angccggcct aaaggatnaa aagcaggagg agccatctca   360
gaactgctgn gaanaccgtg gaacccttgg ttcttctcac tctgtcatca ggtanccttt   420
ggacagngtg gccaatcatc tgagattggc tttagttgaa aacaaaggcc tntgcctccc   480
acccaggagg tgaangagng gattttnngt ttgaatgacg aaggcgaatt atgccg   536

<210> 830
<211> 333

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

<400> 830
gaactgagga agaaatggaa gccagaatna agcaggtact ccgctccctg cgtctggagc   60
tgggtgccga ggtactggtg gaaggactgg ttcttcagta cctttaccag gaaggaattn   120
tgacagaaaa ccacattcaa gaaatcaaag ctcaaaccac aggcctccgg aagacaatgc   180
tgttgctgga catcctgcct tccaggggcc ccaaagcttt tgacaccttc ctcgattccc   240
tccaggaatt tccctgggta agagagaagc tggagaaggc gagagaggaa gtcacagccg   300
agctgcctac aggagaaaaa atccctggaa gca   333

<210> 831
<211> 226
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 831
gatgcgtttg gcagagggag cagtggagat tctangtcng ggcttaaggc ctggggcttc   60
caatgatnct ctggtnatgg ntggangcct agatgcctca ccgcanggng caggacgngn   120
gggtcctcnc ttaantgcac acnggcagca anangcacag gcggagggag gaaatatagn   180
cenggctgtc actcaccntn tcggntgtgt ctcccctggt tgacca   226

<210> 832
<211> 111
<212> DNA
<213> Mus musculus

<400> 832
ctagactgag tccaggctga tactgatttg ggcgccttgg ctgcagaaat agaaggagct   60
ggtgctgcca aggagcagga gcctcagaag tcaaagggaa agaagaaaaa a   111

<210> 833
<211> 385
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 833
agcacacagc tggggcttcc ctaggcgagg agagatggat ctgatccgta tgggtttgaa   60
aggcccgaag actttgacta tgcggcttat gaagaattnt tttccacgta cctggtgata   120
ctcaccaaga gggcgatcaa atggtccaaa cttctaaaag gaaacggtgg tgtcccggaa   180
aagcgtgaca gngaaacgct atgtccngaa gggaatcccc gntggaacat cgtgnccnnn   240
cgtgtggatg gctcgngagt gganctcagg ccccggatgg accanagccn tgnatactta   300
ccatcgactg ctnccanggc nagatcagct ccaggtctgg acnaggtcnc attaggacan   360
nacttgtacc ggacattccc tgact   385

<210> 834
<211> 303
<212> DNA

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 834
gaactgagtg tcttctaatt gttgccatca tgacggagtt tgtatgcctt gataccttta   60
tgctgtttaa gaatcatgtc tttgggggac tggagaaatg actcaacagt taaaaaagca   120
ctgctgctct tccagaggac ccaagtctga ttcccagcac ccacatgatg ttcacaacta   180
tccttaactc cagttccagg ggatntaatg ctctcttctg atcttntgga gtaccaagca   240
cacacatgat gtacagacat atatacaggc aaagtacaca tacaataaaa tgaataaatc   300
taa   303

<210> 835
<211> 316
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(316)
<223> n = A,T,C or G

<400> 835
gaactgagag catacctgcc ctgctggagt tcatacccat tcctgagcaa cactggtttt   60
tgccatggaa tccgtanatc cagcttgtct gtgcagtagg ccactgttca aaatgaagan   120
aaggaaaaaa gagagtggca acacggaagc cagccacaca cctgggattg cnggctctat   180
tcgtggatct taatgagtaa caaggaaaag caaaatgcta tttatctttt tggcaaaaat   240
taattgntag tatttcatga ttctagagat gtatttctcc aactanaata aaatttttgg   300
atcgtaaaaa aaaaaa   316

<210> 836
<211> 286
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

<400> 836
gaactgaggg cacagagacc gtgaagtctg caacacggct gctcatcagc ttccagcatt   60
cccagccatc gaagtccaca gtggagtggc tgctccctgg gcacctgtga agattcagga   120
ggaacccacg gtcacgcttt atgcctttca agtcattcca tctggaaaga tgaacagaat   180
gagaaatgtg tgtgtgtgtg ccatagaagt tgttagttca tacgttcaaa tgccttggca   240
tttattagtt ttgagtaaaa acaacgttac ctttcaaaaa aaaaaa   286

<210> 837
<211> 432
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(432)
<223> n = A,T,C or G

<400> 837
gactgagacc ctgtcccatc atttgaggtg gcgcgggactc tagacgacag actgcagcgt   60
cccagctttg accccagtgg gcagcgccta caagacgtgc acatcgcgtg gaagaggtgc   120
ccanagccac ccantgccag agagcanaan gaggggacag tgtcccacgg ggcacacgcc   180
atncaanggt aaccacntgc canagtcccg aggacaccct cgtgacagac accttgctgc   240
agaagaatga ggccgagaga cagangggtc tccaagaagt ccacatcacc ttggcagcca   300
ggctggggga ggcagaggag aaaatcaagg tgttacattc agcgctaaag gccacacaga   360
cagagctgct ggagctgagg aggaaatacg atgaggaggc tgcttccaag gccgatgagg   420

```
taaaaaaaaa aa                                                             432

<210> 838
<211> 188
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(188)
<223> n = A,T,C or G

<400> 838
agactgagta caagacagca aaatacaact gccaattata cagctgcgga aagtatgggc        60
tgaagcagtg cactacgtat ctgggctaaa ggaagactac agcaggctct tccagggaca       120
aagagcagca atgttnnnag attgtgttag aagcgtagna gccatgtgta tcatgtactc       180
aatgaatt                                                                188

<210> 839
<211> 457
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G

<400> 839
atatatctat ctggcctttn caaattggnc cctgcnnant ggcttncacn aagaagggtt        60
ntngtangaa ganggnccat catcgaggtg gtgatccang antacaccat cntcattnac       120
nagcncattc ntagngtgga nttcattang ccgtgctcct tggacactcn naganatcca       180
nangttngct atgaaggann tgnacgattc cngatgtnca tatngacacc nggctcatta       240
aagncatgtg ggtcaaggga ataaggaatg ctccattgca tctgagtatg ttcgtccaga       300
anacatagta cggaggagga gtcaccagac aagctttaca cattgataac ttactgnctg       360
tnaccacatt caaactctac agaangtcaa tgtggatgag anctaacctg ctgantgtca       420
aataangttg cagaactgcc aaacaggtaa aaaaaaa                                457

<210> 840
<211> 325
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 840
gaactgaggt acctttcaga tgaaggcgtt gaagcctgca caagctctcc tgggaaaggc        60
agcataaatg acatcatcct gattgctctc aatgnagann aaggcaccta tgatcacacc       120
attgnntncc gcaaaggagg tgatggacag ncacaaaggn ntactnggcc ancgcagnaa       180
ntntaccaan ctnctcgagc tnggaactaa ngngaanggg cttttgagaa ggaagatcca       240
ctgactganc catnctggaa gcccactgat ngattttcca cttnttcaga gagagactca       300
atatgctgga tatgattttt ggaga                                             325

<210> 841
<211> 470
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
```

221

<222> (1)...(470)
<223> n = A,T,C or G

<400> 841
tctgacctgg cgtttgatga nanagattgg aagctccaag tcagatcntg aaganctttn   60
angctcctcc acaaatctcn ncgaccacnn cccttcatcc tggcgagacc acgatgacgc   120
aacctcaacg cactccgcag gcaccccagg accctccagt gggggccatg cttcccagag   180
tggagacaac agcagtgagc aaggcgatgg gttagacaac agcgtagctt cacctggcac   240
aggtgatgac gacgatccag acaaggacaa aaaacgccag aagaaaagag gcatattccc   300
caaagtcgcg acaaatatca tgagagcgtg gctcttccag catctcacac acccgtaccc   360
ttcagaagaa cagaagaaac agttagcgca agacacggga ctgacaattc tgcaagtgaa   420
caactggttt atcaatgcca gaagaagaat agtgcagccc atgattgacc   470

<210> 842
<211> 260
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 842
ctgagactga gcatgcatgc tttatacant ccataacaca tacgatgaca ttgaaancac   60
tnncggttgc agatctagga tgnggctgtg gngtacttat nanntngaac aggcaatgct   120
aggagcaggg ttgngtgttg gatttgacat anatgaanat gcactagnna atatttaata   180
tngaatngcg gaanagtgng agctaacant ggttgntatg atncntagtg atgtgtactc   240
attatctaac agaatgtcca   260

<210> 843
<211> 358
<212> DNA
<213> Mus musculus

<400> 843
gaactgagat ggccgccaag agcgagttat gtttgacaaa attacatcac gaatccagaa   60
actctgttat ggactcaaca tggactttgt tgatcctgct cagatcacca tgaaagtaat   120
ccaaggccta tatagtgggg tcaccacagt ggaactggac accctggctg ctgagacagc   180
cgcgaccttg accacgaagc accctgacta tgccatcctg gcagcaagga tagccgtctc   240
taacttgcac aaagaaacaa agaaagtgtt cagtggtacg tctggtataa aaacatgaga   300
aagcgtttaa tagtgtcata aaattatagg aataataagt gaattttaaa aaaaaaaa   358

<210> 844
<211> 543
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(543)
<223> n = A,T,C or G

<400> 844
tgaggtgccc tatgagacac tgaacaaacg cttccgagct gctcagaaaa acatcgatcg   60
agagactagc cacgtcacca tggtggtagc tgagcttgag aagaccttga gtagttgccc   120
agctgtggac tctgtggtca gcctattgga tggtgtggtg gagaagctga gtgtcctcaa   180
gaggaaggca gtagagtcca tccaggccga ggatgagagc gccaagctct gcaaacgtag   240
gatcgagcac ctcaaggagc acagcagtga ccagccagca gcagccagca tgtggaagcg   300
gaagcgcatg gaccggatga tggtggagca tctgctacgc tgtggctact acaacacagc   360
tgtgaagctg gctcgccaga gtggcatcga ggaccttgtg aatatcgaga tgttccctga   420
cagccaaaga agtnggagga gtccttggag aggcgtgaga cagccacctg ccttgcctgg   480
tgccatgata acaagtcccg actccggaag atgaagagct gcctagagtt tcagcctcag   540

222

```
gtc
```

```
<210> 845
<211> 275
<212> DNA
<213> Mus musculus

<400> 845
gaactgaggg ccggcacatg ggtgagggggg taccccctgg ggcgtgagct gccccgcaca     60
ggatgccccg tgcccccccac tccatgcccc tgctgctcct gctgctgttg ctgtcatcgc    120
tcccccaagc ccaggctgcc tttccccagg accccacccc tctgttgacc tctgaccttc    180
aaggtgcctc tccatcatcc tggttccggg gcctggagga cgatgctgtg gctgcggaac    240
ttgggctgga aaaaaaaaat ttttaaaaaa aaaaa                                275
```

```
<210> 846
<211> 537
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 846
tgggaaaccg gcaccagtcg actctacagt gctctcgcca agaccgtcaa cagcagtgca     60
gctgctcagc acccggagta cttggtgtca gctgaccccg aacatctgga gcccatcgat    120
cctaaggaac ttctggagga atgcagggct gttctgcaca ctcggccacc ccgctaccag    180
cgggggatttt gtggacctga ggacagattg ctccagcagc cactctccca ttcgcgtcat    240
gcagtggaac atcctcgccc aagctctcgg agaaggcaaa gacaactttg tgcagtgccc    300
cgtggaagcg ctcaaatggg aagagaggaa gtgcctgatc ctggaggaga tcctggctta    360
ccagccagac atactgtgcc tccaggaaag tggaccncta cttttgacac ctttccagcc    420
acctcctcag tagactgggg ctaccaangc accgtttttt ccccaagccc tggtcaccat    480
ngnctagant gtggaancac aacaacggtc caagatggct ggtgccttat ttttttc       537
```

```
<210> 847
<211> 158
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 847
gaactgaggt tgctgttctg gctgaggcca tctatggccc tggnagtgtt ttcattcaag     60
acaaagtcca ttccatcttt atttattagc tgagcaaatt cagctaataa ttttcaagac    120
ccagattcaa gcaataaaac atttctctgc aataccaa                            158
```

```
<210> 848
<211> 123
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 848
gactgaggtg ctgctgactt ctgataaagc tgcggccaat ttctcagatc gttctttgct     60
gaagaacttg ggacattggt taggaatgat cacattagct aanaataaac ccatcttaca    120
```

<210> 849
<211> 543
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(543)
<223> n = A,T,C or G

<400> 849
```
aactgaggtg aagagactgt tttctgaggc tgcgttggag gctgtgaccg agcagagagc        60
ccatgtgaac tgatgggggag gctttctgaa taacatggcc ttttgccatt agccttgcca       120
tgaccacatt tttcaccagc agtccctccc tggattcaag atgcaaagca ggaggaggaa        180
gtgggctagg aaactagttc ccaggcctcg gggccgggag gcagagagtc aagtgaagtg        240
ccaatgtgaa atctcgggga caccattttc aaatggggag aagctaaggc ctcacagcct        300
tccccatccg gagcagagac catatagctg tcctcagctg cactgcggca aggcttttgc        360
ctccaagtac aagctgtata ggtaggtgac actcccattc ctctttcagt ttccaggttc        420
ctggagctca caaccagaga ctccattgag agtgaacggt aaagntgtcc tgtgagtata        480
ctatgaactc taaccatttg aagtcactca ctaaatagta ataatggttt agctggatat        540
gga                                                                      543
```

<210> 850
<211> 307
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

<400> 850
```
gtgttccaat ttgcaaggca agaaggagtt catggttttt atgacttagc agtggaagcc        60
aaactatcac tttcaccaaa ttcaacgtat taacagcaag tcaccaacca ttcagggctg       120
gagaggtggt tnagnagnta gggctgctct tccagaggat cccagttcaa atcccagcat       180
ccacatggna gctcacagca ntgtgtaact ncagttctgg ggattccagc nccccccatac      240
agactgtaca cgcngccaaa acaactaaga cataaaatan tgataaatac attctttaaa       300
aaaaaaa                                                                  307
```

<210> 851
<211> 546
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(546)
<223> n = A,T,C or G

<400> 851
```
gaactgagga gtaatggagt ccaagcatca aggcgtgaaa aatctcaaca tggagaatga        60
ccatcagaaa aaggaggaga aggaagaaaa gccacaagat accatcagaa gggagccagc       120
tgtggccctg atctccgagg ctggcaaaaa ctgtgcgcct agaggaggtc gcaggcggtt       180
cggggttcgg cagcccatcg ctcactatag atgggacctg atgcagaggg ttggggagcc       240
ccagggaagg atgagagagg agaacgtaca gaggtttggg ggtgatgtga gacagctcat       300
ggagaagctg aggaaaggc agctgagcca cagcctgcgg gcggttagca ctgacccgcc        360
tcatcatgac caccatgatg agttttgcct catgccctga gtcctgagct tttctctgaa       420
gatgacatgg ggacccctgc cttgtgatgt acaaattttg aggttactcc tttttatgta       480
gatctctccc tgttaccagc ttctaattga aacttgngnt ttttactcgg cctataatta       540
agcaaa                                                                   546
```

<210> 852
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 852
```
gaactgaggt gacaggacac cctcaagggc tttgatgaga aggcgtacct gtcagccaag      60
cagctgaagc ctggagagga cccatacaga caacatgcct tcaaccaact ggagagtgac     120
aaactgagct cagaccgacc catcagggac acccgccatt acaggtatgg catctgctga     180
gtggacagga agggaaaact aagaaaagac cagtgttggn cagcttggtt tntttcactc     240
atatgtgttt attgatttat tacatttatt taccttattc atgtgtctgt gtgtgtgtga     300
tcgtgcacac atgcaaactg tatatatttt acaaataaat atgatgtcct ca            352
```

<210> 853
<211> 286
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

<400> 853
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cgttcctgga agaggaggag gaggaggagg aggagagacc aggattcgaa ctcaggccca      60
gcttcgatac gctatggaat cactgncagg gccagcttcc cctgtggctg agttcctgtc     120
tttgatagat ttctgtgaaa tcctcacagc cttctcaatt agcagctggc atctttattg     180
attgatcaaa aaccaattgg ggacaaggac cttcagcatt tggacaagca gattcccgat     240
taaatcaaag cattagaacc aattctcaac agtgtaaaaa aaaaaa               286
```

<210> 854
<211> 479
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(479)
<223> n = A,T,C or G

<400> 854
```
cgttctgacg ccagcactga gattctctta cctgcctttg tagttattca catcaaagat      60
cttctttgca cggtantaca cgagcttcca gggccnganc agatgccctt ccctgcagag     120
aggtggaana cagtcagaga ggcggcntgn ggccatcgtg agatggtcac aaacaccaaa     180
ggaacctact ggagccctgc gtgacatggt taagttcatg tgcagcagtg tgcagaggca     240
tgctggacat anaggcatgc tggggctnca tgcncctgcn ctgtcagaac aggtacagtt     300
aaacactgcct tgaggagcaa gngcacgctg ggtttgcaga tccactcacc ggattgccac     360
ttnaacatca tctgagaggc accaagctca ttatcnccca gncaangcct ccctacctnc     420
cctctctnna naagagcctt ctcctgcccn ctgccctncc tgtgtaaact gaaaacact     479
```

<210> 855
<211> 194
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(194)
```
```

<223> n = A,T,C or G

<400> 855
atcagtcaag aagaattana agaataaggt tgggatccac tgntnccaca natgaagacn   60
tgacncccag cccagaccnn ganccagacc ctaccgagan ntntgncgga aataatggag   120
acctgtcacc ctgcaaggtg gaagaaaacn cngcccagaa gaatacagaa acagcctctg   180
gcatcgggga tgaa   194

<210> 856
<211> 439
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

<400> 856
aactgagatg gccgccccat tggggtggag ggcatccagg tgctgggcac aggaaacctt   60
atcatctcag atgtgactgt ccagcattca ggtgtctatg tctgtgcagc caacaggcct   120
ggcacccggg tgagaaggac ggcccagggt cggctggtgg tacaagctcc agcagagttt   180
gttcancatc cccagtccat ctccaggcct gctgggacca cagccatgtt cacctgccaa   240
gngcagggg agccaccgcc taatgtcaca tgnttgaaga atggacaagn gctgggggca   300
ggaggccatg tnaggctcaa gaacaataac agcacacttg agcatttctg gagtcggacc   360
tgannatgag gccatctacc aatgtgtggc tganaacatt gctggctcgn cncaagccag   420
cgccaggctg accgtgctg   439

<210> 857
<211> 104
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 857
aactgaggtg tttggccttg gttccgtggc tcacatggtt ttaggagaaa actctggcag   60
ctatctcggc gtcnacttgg gttttggatt cggagtgacc atgg   104

<210> 858
<211> 301
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(301)
<223> n = A,T,C or G

<400> 858
gactgagggt aaacttgatg attaccagga acgaatgaat aaaggggaaa ggctcaatca   60
agaccagctg gatgcngtat ctaagtacca ggaagtcaca aataatttgg agtttgcaaa   120
ggaattacag aggagtttca tggcattaag tcaagatgta agtaaaaaat actgtgtaaa   180
atataaaaat taagttagtg gaaactattt ggagttagtc tgtacattac tgttgatgag   240
ttctctgcca ggtgtggaaa ttggattaaa tcatttctta ttaatttgcc aaaaaaaaaa   300
a   301

<210> 859
<211> 321
<212> DNA

226

<210> Mus musculus

<220>
<221> misc_feature
<222> (1)...(321)
<223> n = A,T,C or G

<400> 859
actgagggct ggagggacat ctgaagaggt ctcatcatgg cggacagcnc tctggggaca   60
gctttngnga tgcctanacn gagggntggn tactgnacca tgaacacant ggaggatncc   120
tccttttgctt ctttncgctt ttctcctgnt ttaaaacccc atagtaaagt actttctttn   180
tctccttctt tcttttatta acattcagaa atacacctgt nntgngctga gttattntgg   240
aggataaatn atagtttttg ctttngtgaa gnnggcattn ncacctttgc cctaanaaaa   300
tngagtgtag aaataaaaaa a   321

<210> 860
<211> 497
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(497)
<223> n = A,T,C or G

<400> 860
aactgagcat tggaaaaagg tcagcaagga tgtctcagtg ggtaaaggca agcctgatgt   60
tctatcaggt acctgcctgt aaggaaagaa tggacttctg aaaaatgaaa caggagagtc   120
agagcctctg agcaagacct gggaggtgct ctggagtgct ctgatgaaac cttacagaaa   180
aaagtgaagt cggactcacc tagttcccaa agagtgggaa gacctcaatg acctcttact   240
gcccagggaa aaaggattgg aactcattaa ctctttgtga accagagaga aaagaaagga   300
agaaaattgg aggctggaga gatggctcag ctgttaagaa cactgactgc tcttccaaag   360
gtctangagt tcaattccca gcaaccacac agtggttcac tatcatcttt aatgggatcc   420
gatgcccttt tctggtgtgt ctgaagacag tgtactcata tgcataaaat aaataaatat   480
ttctacaaac aaaaaaa   497

<210> 861
<211> 411
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(411)
<223> n = A,T,C or G

<400> 861
aggaggaaag cctggaangc tcccaccaag cggcggcggt ncacggntnt gatggaggga   60
aagnacatgn tccacatgcc caaggggacc acngccccgc atccgtgang atnctggagc   120
accancangc agcctaaggt ctccatanaa catcncgtag tttnatcgnc ttggngnttg   180
attncanagc agacaccnag cacagggact angccttttt gagtttttcag ccgcttaggg   240
nctaccccan agatggatga gtgatctgnc cttgggacag tnacaatgac ggnnngcant   300
agcttctgtn ctagcantat nctagnnntc ctganngaaa ctaggaccan gccccaacca   360
aggccangtg cccaaccagn nctgactgcc aaagccaaaa gccaccaagc t   411

<210> 862
<211> 436
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(436)

<223> n = A,T,C or G

<400> 862
gacgtgaacc tggaactnac caactctgct agactgngna gcnntgncaa tngctctagc   60
acagatnaac tnngagggcn tnanncccac tgaaataagc cagngacaaa aagaccgnat   120
gttgtgatca cacttaaata aggnangtan actgtctggt caagcangta ggggcanacg   180
agcagaacgg ctagcccgct angggatgtg gggagggcag aatgggcatt tgttgnttaa   240
tggatgtaaa ggttcagttn tgcaaaagga aaaggtgagg cttgatgaca ttgctctcta   300
gcagaacgct canctagcat ttctgagacc tganntcatg tncaacagct catgcacaca   360
cacatgcaca ggagaaagaa tggaangaan ctaccccttt tacttaaaaa aattgnattn   420
attttttatt ttatgg   436

<210> 863
<211> 524
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(524)
<223> n = A,T,C or G

<400> 863
gaactgaggt gtgatccgct cactgcatga gcatgggccg attggagcat accttctgca   60
cagagacccg gccctacaac cagggagccc ggctgacggc cttcgagctg gtgtacgagc   120
agatccctgc aactctcatc actgacagca tggcggcggc tgccatggca caccgggggtg   180
tgtcagccgt ggtggtggga gctgaccgtg ttgttgccaa tggagacaca gccaacaaaa   240
taggcaccta tcagctggcc attgtcgcca acaccacgg tgtcccctc tatgtggctg   300
cccccagttc atcctgtgac ctccatctgg agactggaaa ggagattgtc atagaggaac   360
gccccagcca ggagctaact gacctgaatg gagtcaggat tgctgcacag gaaatccggn   420
tttggaatc ctgcctttga tgtcacccc cacgaactca tnacaggngg natnatcact   480
gaactgggtg nntttgcccc tgangagctc cgaggagccc taag   524

<210> 864
<211> 107
<212> DNA
<213> Mus musculus

<400> 864
tgagactgag gggaggcaca cggtccaagt cctttttactt tctgaggatg ggcagatcct   60
ggcagaagca gatggactga gcacaaacca ctgggtaaaa aaaaaaa   107

<210> 865
<211> 454
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(454)
<223> n = A,T,C or G

<400> 865
ggtgtcaaca tctccagggg gcccgaancg ccatctcccg cgccgccagt gtcttcgttt   60
tgtatgccac atcctgtgcc aataacttcg cantgaaagg aaagcgcaag actctcaatg   120
ccagtgacgt gctgtcagcc atggaagaga tggaattcca gcgattcata acaccattga   180
aagaagctct agaagcgtac aggcgggagc agaaaggcaa gaaggaggct tcggagcaaa   240
agaagaagga caaagacaaa aaggattccg aagagcaaga caaaagcaga gaggaggagg   300
aggaggatga agagagactg gacgaggacg accagaacga agaggaggaa atagacaact   360
gaatggagag agtaggcana ctgtggcgtg gtggagggga ccctgagatc ctgagacatg   420
tctgtgtgaa ggctttccct gcaaggcaga gcca   454

<210> 866

<210> 295
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

<400> 866
ccctgttccc caggcagagt acanaactna gcnttgctgg tgaaggtccn actggaggac   60
acccaagttc ancatgatct tgacagacct gtgactgacc tgaccctccc tncagtcctg   120
tgccactgac acatatgctt gatgccttct gctttgtcct agtacccaag acggtgagtg   180
aagcaggggt caaaagttca gttctcagct gcatagtgag tttgaggcca gcctgggtta   240
aatgatacac tgctttaaca caatgaaata aaggacagga gagattggtt tggaa   295

<210> 867
<211> 361
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = A,T,C or G

<400> 867
gactgaggtt tatcatggct tccagcccac cgtgttgatg cggctggtag cttcagcata   60
ttctatcgct caaatggtac tatnnttaag ngaagaantg aaagagggtt agttccaant   120
gactgtccag gtcattctgt gcacgtcanc attnctgccg ataaaccaga nttcttcagg   180
gcacagagnc ttaagttact ccagantttc agtngtnatg nttttcaca gtanttttta   240
aaatntntga tnccaaataa gaangcatat agntgatatt attnatgtcn gatttatggg   300
ggaaagttnc tctaaaanca tagtcctatc tttncatatt atatatcaga tttttttcaa   360
a   361

<210> 868
<211> 504
<212> DNA
<213> Mus musculus

<400> 868
gccgaggacc agcagccaag cactaggact ggacatccca gcaatgacca gctctcctgt   60
ctccagagtt gtctacaacg gcaagaggaa tagcagtccc cgctctccca ccaacagcag   120
tgagattttc acaccggcac acgaagagaa tgtgcgcttc atttatgaag cctggcaggg   180
tgttgagcga gacctgcgca gccagctgtc cagtggtgag cggtgcctag tggaggagta   240
tgtggagaaa gtccccaacc ccagcctgaa gaccttcaag cccatcgacc tgagtgacct   300
gaagccgccg gaacacgcag gatgccaaga agtcctagag ctcctggcgc cctcccctgg   360
cctccagaag ctcaggtgca cttgatggtg gtttcctgtg ttcctgtggc gctgctcctg   420
gggggaagag tgtgctctag caggccggga tcccagagcc agcaggattg atgaccaggg   480
cccttccttt cctctccagg gtct   504

<210> 869
<211> 405
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G

<400> 869
actgaggtgg ggtctttcac gatgacccga gagtgacgac gacgacgagg aggaggacat   60

```
ggtctcggag gaggacgagg aggaggagga ggatggctga cgccgaggag acccaggatt      120
ccgaggacga ggaggaagat gacatggaag aagacgacga tgactccgat tatccggagg      180
agatggaaga cgacgacgac gacgctagtt actgcacgga aagcagcttc aggagccata      240
gtacatacag cagcactcca ggtaaccacc caggccgccg ggagactcct tccccacctc      300
ctccctcccc ctggcttgct ccctctccag tgcagtgcat cctgcttcct anctccccc       360
cccettcccg gcctgtcccc cacgcggagg ccacggcgcg tttag                      405


<210> 870
<211> 556
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(556)
<223> n = A,T,C or G

<400> 870
gactgaggtg accataggac ngnggcttac cggcacntac cacctgatat canaggtntg       60
ccctctgatg atttcccnaa gccacctgag gnntgngaan cataaatcct antgncacng      120
aaggaccatt atggaccata ggaccctgaa taggtgtttg nctatncaga gaacnctann      180
ctcctattaa cnggtatatt ntnttcganc ngnagaccnt ntncntgtcg gggtgccccg      240
tnganagcag agtaaacggn tggataatag agtacgatcg acanctgaag aagacntgag      300
nagagtttag ggtccctgag cttgccccga atanngancn aagagnggga ggacataagn      360
gctcgagaac taagaggant ttcagttcgc cttggnttag agaatcttcc agccgagggc      420
tcctcagatc tcagatgccc actggctaat gtcgccagta aacccattga gccagagaag      480
ttgcatggca aaggtgacgc atcgagtcag tccttgggat gcttgggncc tgggctgact      540
tctctgaagg cgaacg                                                     556


<210> 871
<211> 461
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(461)
<223> n = A,T,C or G

<400> 871
ggttgcagac aatgatggtg agttcctgtt aatagaagcg gccgactttc tccctaagtg       60
gttggaccct gataacagng ccaacagggt gttttttcat catggggagc tgtgcattat      120
tcctgtgccg aggaaatctg aaaggatacc atggttaccc atgacaccac caacaatcca      180
gcaagctttg agtataatct cggcacaccc agaagctgtt ttggcttnnn aatctataca      240
agctgctgtg gacaggcgcg tcagtgggta cccagaaagg gtcgaagcat ccctccatcg      300
agcacactgc ttccttccag ccggcattgt ggcggtgctc aagcancagc ccaggctgct      360
gtcggcagcc gtccanggcc ttctacctac gggaccccat ttgacctaag agcctgtcgt      420
gtnttcaaga cattttttgcc tgaaacacga ataatggcc t                        461


<210> 872
<211> 289
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

<400> 872
tgaggtctgt ttctgcaggc atctncgtgg ctccatgant cttccctttg atgacagaga       60
cctggnctgt gagtgggaga gngaagacct gcccctgacc attcagcttc cattccgnct      120
tatcctgcnt gtngggnacc tgcccctttga tgaatactgg atccccctgt gcangaactc      180
```

230

```
ttggctaatg acatgcatgg attgatttac cttacatagc gctattgagc tcaaattgtg    240
ataatgctgc cattgagaga aactcaccca cgaactgctt ataaaaaaa                 289


<210> 873
<211> 465
<212> DNA
<213> Mus musculus

<400> 873
gactgaggaa tttaactaag atgatggcaa cttgtactcc aagaaagagg aagcgatata     60
cactgaatgc tgataatgat gatagcctat taacagatat ttcatcaagc aaattaagat    120
gtgctgaaaa tctatttcca tcacctaata agaaacataa ttatcaaagc agtgttcaaa    180
aggaagacaa gtcttgctcc caccaactcc atttcccttc aagtccactc aaaacaactg    240
aaaatagtag gttttcattt gcaaaccaca gctcattatt taaaccagct atgtctactg    300
tatctttcta cagtaaagag aaatactacc tcaatccact cgagaggaag ttgataagag    360
agtgtagatc tatttgtcta gcaactgaaa gtggagataa acctattccc agtgtgacag    420
aaaatattca gagaaaacca gtctgtacca agaagaataa aaaaa                    465


<210> 874
<211> 386
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

<400> 874
gactgagttt ttagttgcat ttttaaagaa ggaaggctca tggtgcaaat tgttatttcc     60
agtacggggg ctgaaggcct ggcagaatgg gtgctgatgg anctacaggg ngagatcgag    120
gctcgctaca gcaccgnatt agctggaaac ctcctgggag acctacatta caccactgag    180
ggangagatg tnatcnacnn tacccnagcc tnaatcctgc ttnctcnnat ngnagnnttn    240
ngctcattcg ntntnccacg cccactgntg gaacntgagg agccacacac ngncaccttt    300
ctactggacc agagattatt nggcnggaa ntnggctccc ctccnncttg cttcatnact    360
ggtgtcgcaa caataaaatt agaacc                                         386


<210> 875
<211> 533
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(533)
<223> n = A,T,C or G

<400> 875
tctcctggtc tgtgttctga ttcttctttg gaggagagtt taaggatcac agttggcaat     60
gaccacttct gtgttagcac accagagcgg cggcggntca gtgaccggct gggatctcca    120
gtggatggtc tgcaggacat ggacagggat gacctgactg atgattctgt cttcactcga    180
agctcccagt gttctcgggg gtcttgaacg atacatttct cgggaggagg gaccacttag    240
tcctttctt gggacaactt ggatgaggac taccgaacaa ggagaaactt ttctgcatcg     300
acctggagtt tagtccccag agcagttgtc atgatgaatt ngttgaggga aacagagcgg    360
tatnagaaac aaacttaaaa gctcctccta ttccatacga tctgaggaaa gaggccggga    420
ggccaaaaag gcccccgttt ttgatgacnc agagaagggt acnccagctc aaggagggg    480
gatcacttca angttttnac atcnngggac tcgaaaacct atcggggagg cgg           533


<210> 876
<211> 306
<212> DNA
<213> Mus musculus
```

231

<220>
<221> misc_feature
<222> (1)...(306)
<223> n = A,T,C or G

<400> 876
gaactgagat ggcctcacgg tacatgatcc agctcacttc tgtgttcaag gatgtctgtc   60
taacgccaga agagatgaat ctcgtggtgg ccaaagtgtt gacgatgttc tcaaagttga   120
atcttcaaga aattccacct ttggtctatc agcttctggt tctctcttcc aagggacgca   180
naaggagtgt tcttggacgn atncatagcc ttcttcaggg agctggataa gcagcacaga   240
tacatttttt ccacataaga atgcactttg gcttatacaa taaaacttta aacattaaaa   300
aaaaaa   306

<210> 877
<211> 541
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(541)
<223> n = A,T,C or G

<400> 877
cggagcacca taacatggng tgggaagtga agacaaatca nnatgcctaa tgcagtncag   60
aaactcctgc tggtgatgga caagagagca ccagggatga gngactcgct ggagttgctg   120
cagtgtaatg agaatttgcc atcctctcca ggatacaact cctgtgatga gcacatggag   180
cttgatgacc ttcctgaact tcaggctgtt caaagngacc ctacccaatc tgncatatac   240
cagctaagtt cagatgtatc tcatcaagaa tatccaagat catcttggag ccagaatacc   300
tnagatatac cggaaaatac tcaccgtgaa natgaggngg actggctaac agagttangc   360
aaatattgcc actagtncac aaagtcccct gatgcantgc tcattttata acaggtagga   420
gcatggatta tgttttgcnt tntcanactt gcatttatta ggggccagca atnatactan   480
tgtaagctnc anntgggtta angaancctt gcccaccaag cnctgaaggg cgcaaacctt   540
g   541

<210> 878
<211> 340
<212> DNA
<213> Mus musculus

<400> 878
cacaacacag tcggattctt ctcaacagcc tttattgcag gatcgccttg atgcttctac   60
ggggacccca ggcgcccagg gagccctgct tatatgtacc ccagcacagg agaaggctcc   120
gtggcccect ggggttggtc agtctgccag cacccaattt gcatgcaccc gcttgggagg   180
ggttggcccc aaattcgaat tgacgcctgc gcagtggtgt tgtttatgac aacggcaacc   240
ggaaaccggc gccatcttgg agttggcttc ccacagagag gagagggaga ggagagggag   300
aggagaggaa gaggaagagg aagaggaaga ggaagaggat   340

<210> 879
<211> 537
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 879
gaactgagag atgaagcaga tgaatcttgt cactgggaaa cagngcctaa taaagagggc   60
tcctttctcc atcagtgcct tcagttacat ctgtgagaat gaggccatcc ccatgccaac   120
ccactgggan aacgtgaacc ctgacgttcc ctaccanctg gtttccctgc agaaccagac   180
gcacgagtat aatgaagtgg ccagtctttt tgggaaaaca atggatcgga accganttaa   240

232

```
aaggattcaa aggatccaaa acttanactt atgggagttc ttttgcagga aaaaggctca    300
gctcaagaaa aagagaggtg tcccccagat caatgagcag atgctatttc atggcaccag    360
cagtgaattt gtggaagcaa tttgcattca caactttgac tggagaatca atggtgtgca    420
cggngctgtc tttggaaaag gaacctattt cgctagagat gctgcgtact ccagtcgttt    480
ctgcaaagat gacatcaagc acgggaacac attccagatt catggggtca gcttgaa      537


<210> 880
<211> 481
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(481)
<223> n = A,T,C or G

<400> 880
ctgaggactg gattcagcat caaaatacct cccccacatt gagagctgtc ggcagttaag     60
gcaacaatac cctgattgga atcctgagat cctcccatcc agaagaaatg agagcaatag    120
gaaagaaaat gaaactccaa gaagacgttc tcattcccccc agccccagac attctaggag    180
atcaagctca ggtcacagaa tccgtcgctc tcgaagtcca gtccgttata tctatagacc    240
aaggagtcga agtccaagaa tttgccaccg tttcatttct aaatatagat ccagatccag    300
gtccagatcc aggtcccgtt ctccatatcg tagtcggaat ctccttagaa gaagtccgaa    360
gtcctatcgg tcagctagcc cagagaggac atcaagaaaa tcagtgagat caggtacacc    420
gatnntccta atgccatcat ttttttgag ttttggaaat gagatattgg attttaatta    480
a                                                                    481


<210> 881
<211> 429
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(429)
<223> n = A,T,C or G

<400> 881
gaactgagga agcatcatga cgaagaggca ttggaaacgc tgacagtatc ccccatctgg     60
gttccgcacc catggggcag acacatgctc atcaccagca agatcagctt cttcattttg    120
acaacattgc actagctgct ccggaaccca cactggctct gcgattctgt ggaaacatgc    180
aaacagaccc tctcgcccag accaacacgg gatctggacc attccatgat cctgtaagca    240
catccttcca tttagcatac cccagattac tggggctgtt attagcatgt cgttcagcag    300
cagagcgncc ttccttttcc aattgcaaaa aatttaaggt aaaaagagct aaggagagtc    360
ttatctttgg ggtatggcca tagcctattc cccctttttg ttttattaat aattcttta    420
aggttctaa                                                            429


<210> 882
<211> 537
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 882
gaactgagca ggctcctctn cncatgctcc tccaaggaat ggtaaggtgg cccttgaccc     60
acacacatat ctatcaagaa ctcaagagca cagacntgaa gtaccnggaa ccgtgtgcgc    120
agccgcatca gcnacctgan ggaccccang ancccatgcc tgaggcggan tgtgctcagt    180
ggggccattt ccccatagct cattgccang atgacagcgg angaaatggn cagtgatgag    240
ctgngggagc tgaggaacgc catgactcag gaggccatcc gtnagcacca ntatggcgaa    300
```

```
gacaggcggc accaccactg acctcttgcg gtgtatcaag tgcaagaaga agaattgtac      360
ctataaccag gtgcanacac gcagtgccga tgagcccatg accacttttg tcttatgcaa      420
tgaatgnggg aatcgctgga agttctgctg acggaaccac ccaccaggat ggcagaggat      480
aaggtgaaga agacccagca ggaagcacag accacgtgac ccagagcaaa aaaaaaa        537


<210> 883
<211> 220
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(220)
<223> n = A,T,C or G

<400> 883
ggacccacca ggtttcagct gctcccacca gctctgcagg ggatggattc aaggcaaacc       60
tcgtctttaa ggagattgag aagaagcttg aagaggaagg ngaacagnnc gtgaagaaaa      120
tcacggcggc atttttgcct tgaaagtgaa agatggccct ggaggcaaag aagctacctg      180
gntggtngat gtaaacaatg gcaaaggatc tgtgcttccc                           220


<210> 884
<211> 264
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(264)
<223> n = A,T,C or G

<400> 884
gaactgaggg cttcttggta atgcccaggc taaggcacta ggaccagcct cagagcagtc       60
agagaatgag aagaagccca agagngnagn gaagaagaaa aggtggaatc ntcccaaaat      120
gtctcttgcc canaacnttt natcgggttg cctcaanaga aggcaagctt cctcagnagc      180
tcacgganag gtcctgctng aaacctnncc gcngntttct atgnannaat ttntttcata      240
cnttttttt ggggggggg gccc                                              264


<210> 885
<211> 123
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 885
cagaaagaaa gcttttagta aaacancctt tttaatagcc tggccacgca agaaggtgaa       60
tgtttnggct cttaagagga anaagttcaa aaaataaatt gtcttgtaat gtaaaaaaaa      120
aaa                                                                   123


<210> 886
<211> 440
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G
```

<400> 886

```
gaactgagga acttaagaag tatggagtta ccacantagt acgagtatgt gaagcaactt      60
acgacactac tcttgtggag aaagaaggca ttcatgttct tgactggcct tttgatgatg     120
gtgcaccacc atccaaccag attgtcgatg actggctaag tcttgtgaag attaagtttc     180
gtgaagaacc tggttgctgt attgctgtcc attgtgtcgc aggccttggc agagctccgg     240
tgcttgttgc cctagcatta attgaaggtg gaatgaaata tgaagatgca gtacaattca     300
taagacaaaa gcggcgtgga gcttttaaca gcaagcaact tttgtatctg gagaagtacc     360
gtccgaaaat gcggctccgc ttcaaggatt ccaatggtca tagaaacaac tgttgtattc     420
aataaaactg gggtgcctga                                                 440
```

<210> 887
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 887

```
catggaaaag tgccggcttc cagccctttg cggcttttgc agtggatgac cgtgtggaga      60
tgctaagcgg tggacagcgg cagaacacta ggaaacagaa ggcttgggac aaagttaata     120
gcgcctgttc acaaagttca caaaggaccc gttttcactg tgtcctacaa ttgggtcatg     180
tagggctggc caggtggctc agcgtttaag aacacagttg ctcttccaga aggcctgctt     240
ctattcttcc tagcacccac atgggtgctc acaaccacta gggtcactct gcttccaagg     300
gtttgatgtt ctcttntggg gctntgagga ctgagcaaag aggnggtgcc tggttataca     360
tacaggcaaa acattcataa aataatcag                                       389
```

<210> 888
<211> 361
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = A,T,C or G

<400> 888

```
aagaaaactt caaactccac agtcggagga gagtgacttg cattatgcgg acattcatgt      60
gctcaggcaa attcggccac actctctcca cacagtgaaa tgcctgcatt cagaatctgc     120
tacagagtac ncnncncttc nnttccccca ggccacacct cantatgaca gcaacaacgg     180
aaccctggtg tgagccctcg ggaagacgtt ccgatttcta cgattttacc atcctgtggg     240
aataacctac tgttctcgag aacaaggaca atggccatgt tttaatctta aaggacacca     300
gagcatctgg aattatgggt ctccctactc tttccactat gaatcttttg gtttgccact     360
g                                                                     361
```

<210> 889
<211> 137
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(137)
<223> n = A,T,C or G

<400> 889

```
aatacatttc aactgtatga aattggttta ttgttcatca naaatgttat ttgccttcac      60
aaagtctggt ttcaatgaac cagctatgta atgggatatt aaataaacat ggaattttac     120
atgttcaaaa aaaaaaa                                                    137
```

```
<210> 890
<211> 174
<212> DNA
<213> Mus musculus

<400> 890
gaactgaggt atagctccat gaataactta aacgaccccc caaattggaa tatcaggccc      60
aatgccaggg ctgatggggg tgatggaagc aagtggaatt atgccctatt ggtgccaatg     120
ctcggattgg cagcatttcg ttggatttgg tctagggaat cccaaaaaaa aaaa           174

<210> 891
<211> 188
<212> DNA
<213> Mus musculus

<400> 891
tccttctgtg tgctgcagtc ttgtggcgtt ctgcaggccc cctgccagtg accccaggct      60
ttttatggct gtgagactca ttaaaagctc aggggtgaga cgtgaccttt ggaggtgact     120
ataactgaag attgaattac agaagccaaa aaattaaata aataaaaggt aaaattataa     180
aaaaaaaa                                                             188
```